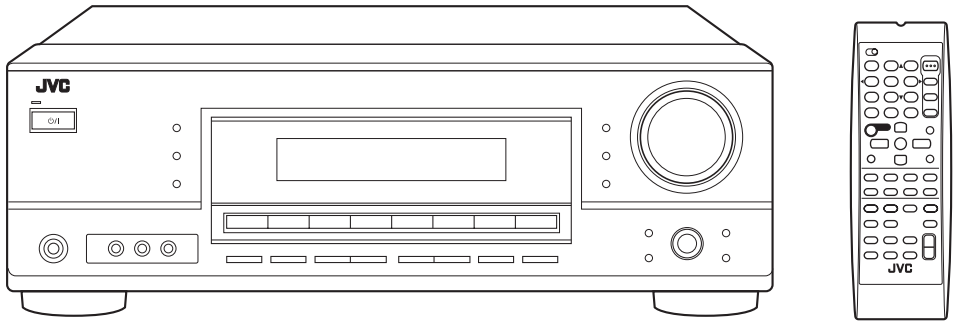
JVC

SERVICE MANUAL

AUDIO/VIDEO CONTROL RECEIVER

RX-5060BJ,RX-5060BC, RX-5060BE,RX-5062SB, RX-5062SE,RX-5062SEN, RX-5062SEV



Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

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No.MB504
2006/2

SPECIFICATION

Northern america version

Amplifier			
Output Power	Front channels		100 W per channel, min. RMS, driven into 8 Ω, at 1 kHz with no more than 10% total harmonic distortion.
	Center channel		100 W, min. RMS, driven into 8 Ω, at 1 kHz with no more than 10% total harmonic distortion.
	Surround channels		100 W per channel, min. RMS, driven int 8 Ω, at 1 kHz with no more than 10% total harmonic distortion.
Audio	Audio Input Sensitivity/Impedance (1 kHz)		CD, TAPE/CDR, VCR, TV SOUND, DVD, AUX : 220 mV/47 kΩ
	Audio Input (DIGITAL IN)*	Coaxial	DIGITAL 1 (DVD) : 0.5 V(p-p)/75 Ω
		Optical	DIGITAL 2 (CD) : -21 dBm to -15 dBm (660 nm ±30 nm)
	Recording Output Level		TAPE/CDR, VCR : 220 mV
	Signal-to-Noise Ratio ('66 IHF/'78 IHF)		CD, TAPE/CDR, VCR, TV SOUND, DVD : 62 dB/71 dB
	Frequency Response (8 Ω)		CD, TAPE/CDR, VCR, TV SOUND, DVD, AUX : 20 Hz to 20 kHz (±1 dB)
	Equalization (5 bands)		63 Hz, 250 Hz, 1 kHz, 4 kHz, 16 kHz : ±8 dB (in 2 dB steps)
Video	Video Input Sensitivity/Impedance	Composite video	DVD, VCR, AUX : 1 V(p-p)/75 Ω
	Video Output Level	Composite video	VCR, MONITOR OUT : 1 V(p-p)/75 Ω
	Synchronization		Negative
	Signal-to-Noise Ratio		45 dB
FM tuner (IHF)			
Tuning Range			87.5 MHz to 108.0 MHz
Usable Sensitivity		Monaural	12.8 dBf (1.2 μV/75 Ω)
50 dB Quieting Sensitivity		Monaural	16.0 dBf (1.7 μV/75 Ω)
		Stereo	37.5 dBf (20.5 μV/75 Ω)
Stereo Separation at OUT (REC)			35 dB at 1 kHz
AM tuner			
Tuning Range			530 kHz to 1 710 kHz
General			
Power Requirements			AC 120V , 60 Hz
Power Consumption			155 W/200 VA (at operation) 0.8 W (in standby mode)
Dimensions (W × H × D)			435 mm × 146.5 mm × 369.5 mm
Mass			7.0 kg

Europian version

Amplifier			
Output Power	Front channels		100 W per channel, min. RMS, driven into 8 Ω, at 1 kHz with no more than 10% total harmonic distortion.
	Center channel		100 W, min. RMS, driven into 8 Ω, at 1 kHz with no more than 10% total harmonic distortion.
	Surround channels		100 W per channel, min. RMS, driven into 8 Ω, at 1 kHz with no more than 10% total harmonic distortion.
Audio	Audio Input Sensitivity/Impedance (1 kHz)		CD, TAPE/CDR, VCR, TV SOUND, DVD, AUX : 220 mV/47 kΩ
	Audio Input (DIGITAL IN)	Coaxial	DIGITAL 1 (DVD) : 0.5 V(p-p)/75 Ω
		Optical	DIGITAL 2 (CD) : -21 dBm to -15 dBm (660 nm ±30 nm)
	Recording Output Level		TAPE/CDR, VCR : 220 mV
	Signal-to-Noise Ratio ('66 IHF/DIN)		CD, TAPE/CDR, VCR, TV SOUND, DVD : 66 dB/62 dB
	Frequency Response (8 Ω)		CD, TAPE/CDR, VCR, TV SOUND, DVD, AUX : 20 Hz to 20 kHz (±1 dB)
	Equalization (5 bands)		63 Hz, 250 Hz, 1 kHz, 4 kHz, 16 kHz : ±8 dB (in 2 dB steps)
Video	Video Input Sensitivity/Impedance	Composite video	DVD, VCR, AUX : 1 V(p-p)/75 Ω
	Video Output Level	Composite video	VCR, MONITOR OUT : 1 V(p-p)/75 Ω
	Synchronization		Negative
	Signal-to-Noise Ratio		45 dB
FM tuner (IHF)			
Tuning Range			87.50 MHz to 108.00 MHz
Usable Sensitivity		Monaural	17.0 dBf (1.9 µV/75 Ω)
50 dB Quieting Sensitivity		Monaural	21.3 dBf (3.2 µV/75 Ω)
		Stereo	41.3 dBf (31.8 µV/75 Ω)
Stereo Separation at OUT (REC)			35 dB at 1 kHz
AM (MW) tuner			
Tuning Range			522 kHz to 1 629 kHz
General			
Power Requirements			AC 230 V , 50 Hz
Power Consumption			140 W (at operation) 0.8 W (in standby mode)
Dimensions (W × H × D)			435 mm × 146.5 mm × 369.5 mm
Mass			7.0 kg

* Corresponding to Linear PCM, Dolby Digital, and DTS Digital Surround (with sampling frequency?32 kHz, 44.1 kHz, 48 kHz)
Designs and specifications are subject to change without notice.

SECTION 1
PRECAUTION

1.1 Safety Precautions

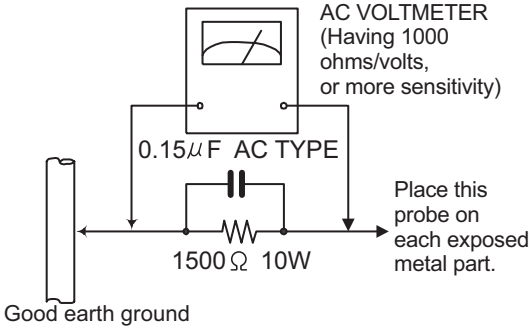
(1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (⚠) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.

(4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

(5) Leakage shock hazard testing
After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.Do not use a line isolation transformer during this check.
- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
- Alternate check method
Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000Ω per volt or more sensitivity in the following manner. Connect a 1,500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground.
Measure the AC voltage across the resistor with the AC voltmeter.
Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



1.2 Warning

(1) This equipment has been designed and manufactured to meet international safety standards.
(2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
(3) Repairs must be made in accordance with the relevant safety standards.
(4) It is essential that safety critical components are replaced by approved parts.
(5) If mains voltage selector is provided, check setting for local voltage.

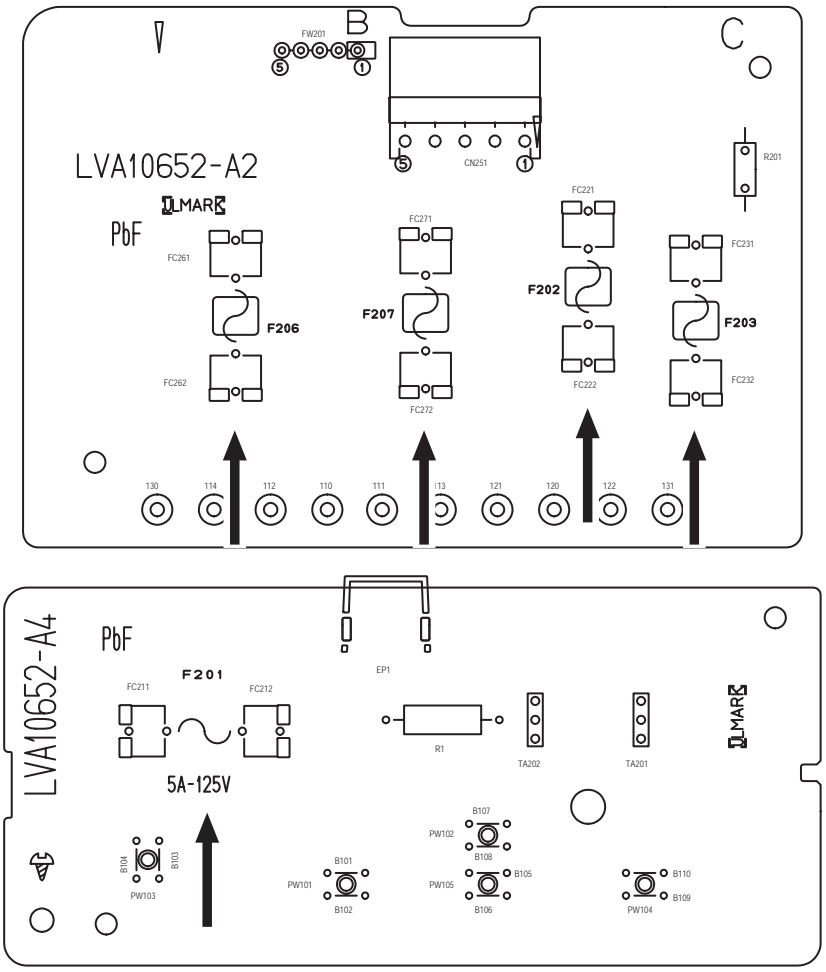
1.3 Caution

Burrs formed during molding may be left over on some parts of the chassis.
Therefore, pay attention to such burrs in the case of preforming repair of this system.

1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▮) and ICP (●) or identified by the " ⚠ " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.
(This regulation dose not Except the J and C version)

1.5 Importance administering point on the safety



Full Fuse Replacement Marking	Marquage Pour Le Remplacement Complet De Fusible
Graphic symbol mark (This symbol means fast blow type fuse.) should be read as follows ;	Le symbole graphique (Ce symbole signifie fusible de type á fusion rapide.) doit être interprété comme suit ;
FUSE CAUTION	**PRECAUTIONS SUR LES FUSIBLES**
FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE AND RATING OF FUSES ; F201,F206,F207: 5A 125V F202,F203 : 2A 125V	**POUR UNE PROTECTION CONTINUE CONTRE DES RISQUES D'INCENDIE, REMPLACER SEULEMENT PAR UN FUSIBLE DU MEME TYPE ;** F201,F206,F207: 5A 125V F202,F203 : 2A 125V

SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3
DISASSEMBLY

3.1 Main body

3.1.1 Removing the top cover
(See Fig. 1 and 2)

(1) Remove the three screws **A** attaching the top cover.
(2) Remove the four screws **B** attaching the both side of top cover.

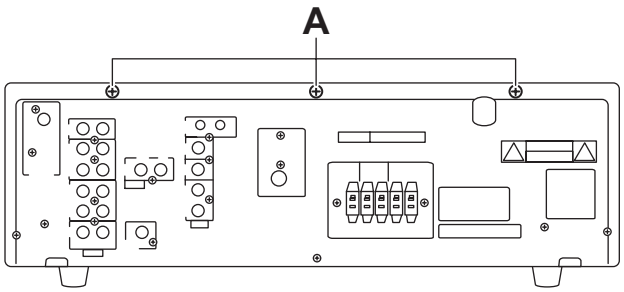


Fig.1

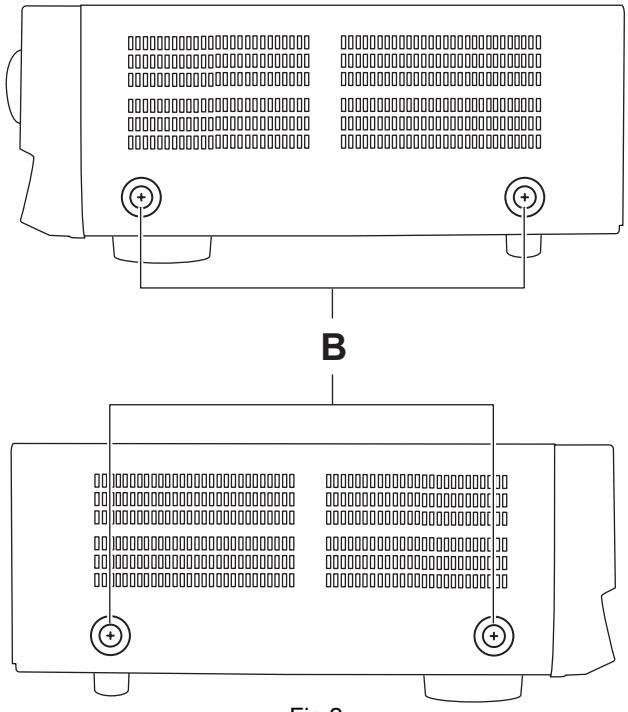


Fig.2

3.1.2 Removing the front panel assembly (See Fig. 3 to 5)

(1) Remove the three screws **C** attaching the top side of front panel assembly.
(2) Remove the four screws **D** attaching the bottom side of front panel assembly.
(3) Remove the one screw **E** attaching the ground wire to front chassis.
(4) Disconnect the connector to CN404 of audio board, CN504 of video board, CN402 of main board and CN201 of regulator board.

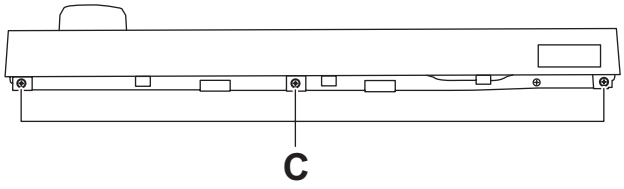


Fig.3

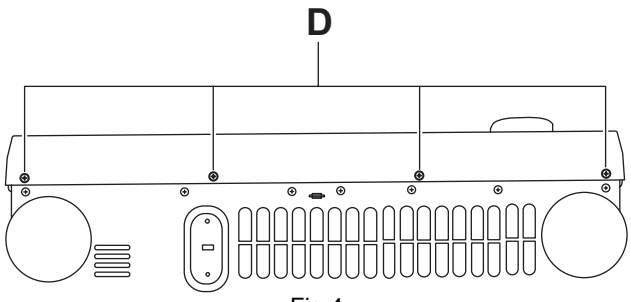


Fig.4

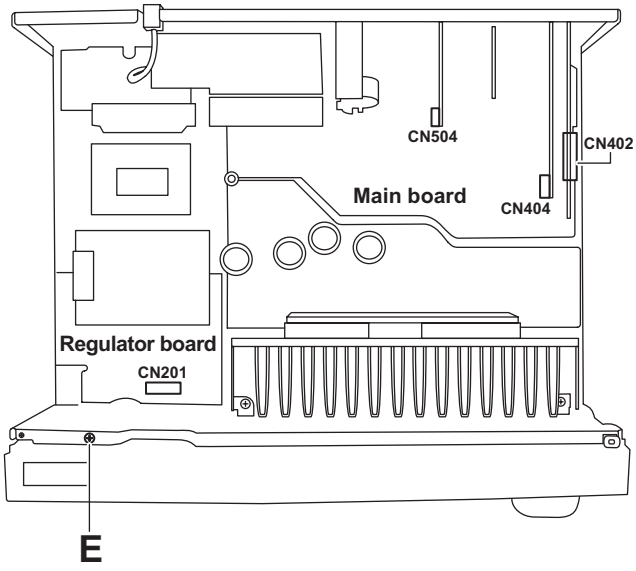


Fig.5

3.1.3 Removing the rear panel and each I/O boards (See Fig. 6 to 8)

(1) Remove the two screws **F** attaching the tuner board.
(2) Disconnect the card wire from CN411 of main board.
(3) Remove the three screws **G** attaching the digital board.
(4) Disconnect the connector CN481 and CN482 of main board.
(5) Remove the four screws **H** attaching the main board and remove the one screw **J** attaching the ground wire to front board.
(6) Disconnect the connector CN421 of main board.
(7) Remove the two screws **K** attaching the subwoofer board.
(8) Disconnect the connector CN431 of main board.
(9) Remove the three screws **L** attaching the video board (for European model, two screws **L** see Fig. 8)
(10) Remove the two screws **M** attaching the speaker terminal board.
(11) Remove the one screw **N** attaching the fuse board.
(12) Remove the three screws **P** attaching the rear panel.

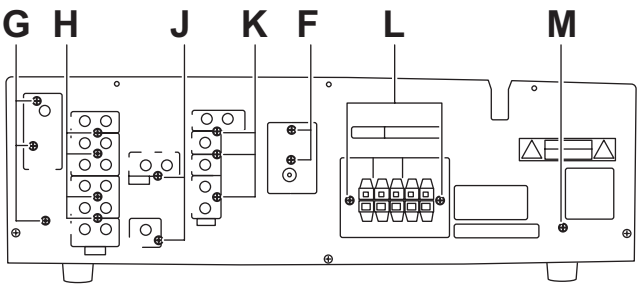


Fig.6

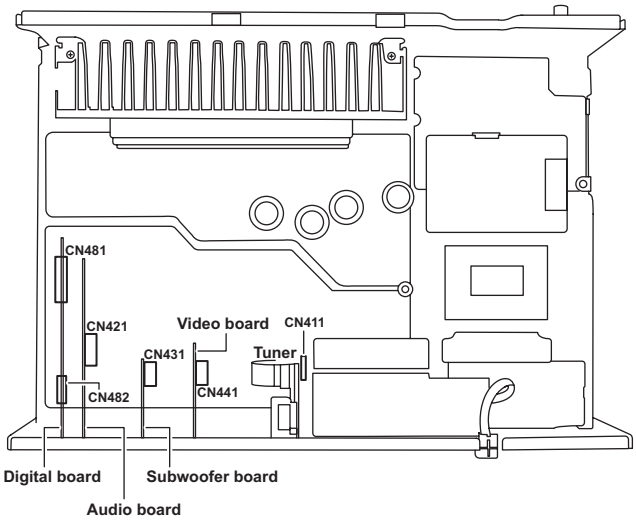


Fig.7

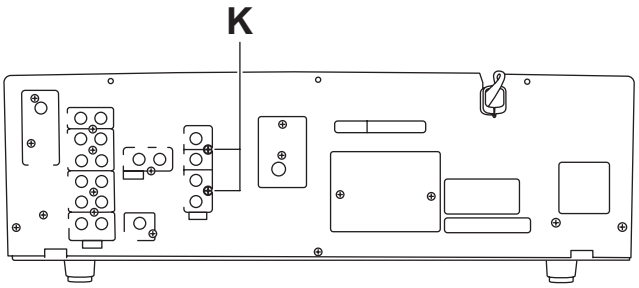


Fig.8

3.1.4 Removing the main board
(See Fig. 9)

(1) Disconnect the connector CN471, CN472 and CN473 from front board.
(2) Disconnect the connection board from CN291 of regulator board and CN491 of main board.
(3) Remove the two screws **Q** and one screw **R** attaching the main board.

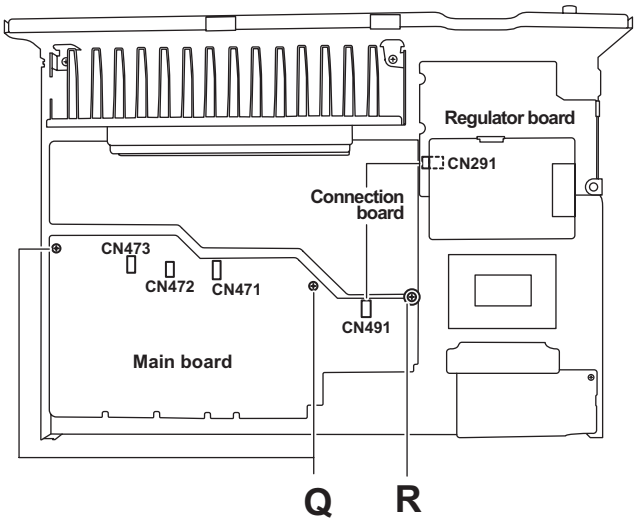


Fig.9

3.1.5 Removing the front board and heat sink
(See Fig. 10)

(1) Disconnect the connector from CN203 and CN241 of regulator board.
(2) Disconnect the connector from CN251 of transformer board.
(3) Remove the four screws **S** attaching the heat sink.
(4) Remove the one screw **T** attaching the front board.

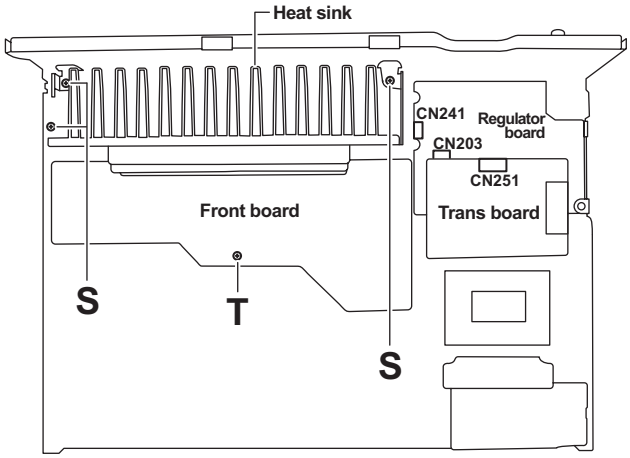


Fig.10

3.1.6 Removing the power transformer and regulator board (See Fig. 11 and 12)

(1) Remove the four screws **U** attaching the power transformer.
(2) Remove the one screw **V** attaching the fuse board.
(3) Remove the three screws **W** and one screw **X** attaching the regulator board.
(4) Disconnect the wire from CN101 of headphone board.

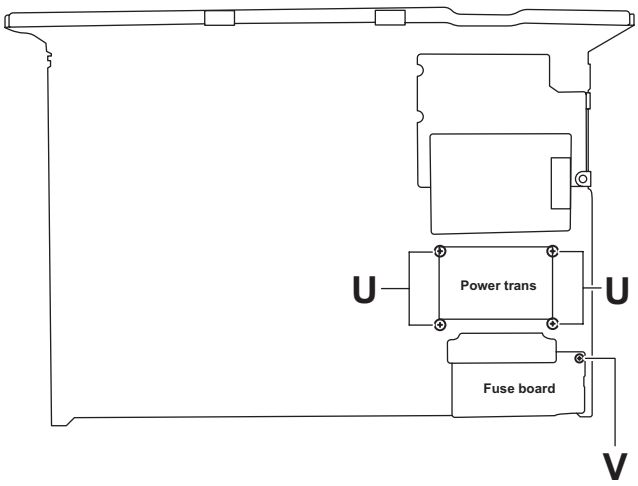


Fig.11

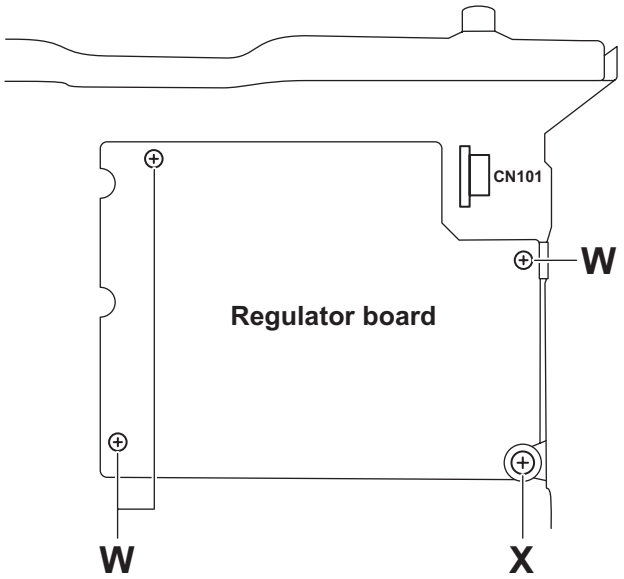


Fig.12

3.1.7 Removing the headphone board (See Fig. 13)

(1) Remove the nut **Y** attaching the head phone board.

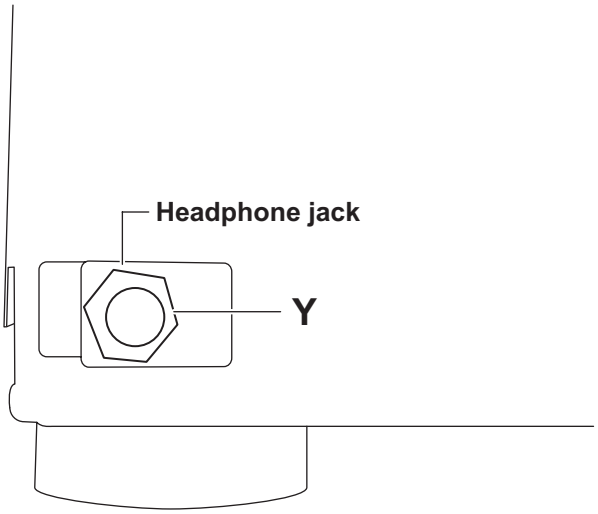


Fig.13

3.2 Front panel assembly

3.2.1 Removing the micon board (See Fig. 14 and 16)

(1) Take out the volume knob from front panel assembly.
(2) Remove the nut **Z** attaching the volume.
(3) Remove the nine screws **AA** attaching the micon board.

3.2.2 Removing the power switch board (See Fig. 15)

(1) Remove the two screws **BB** attaching the power switch board.

3.2.3 Removing the AUX board (See Fig. 14 and 16)

(1) Take out the multi jog knob from front panel assembly.
(2) Remove the three screws **CC** attaching the AUX board.

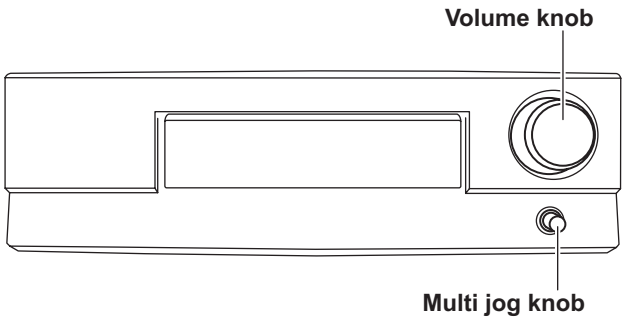


Fig.14

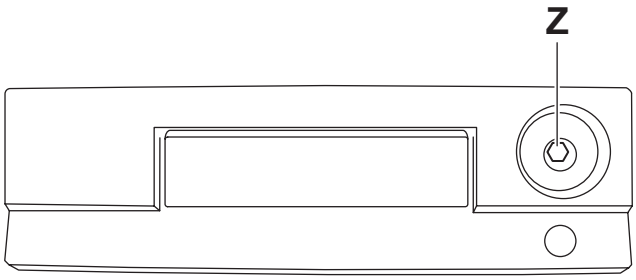


Fig.15

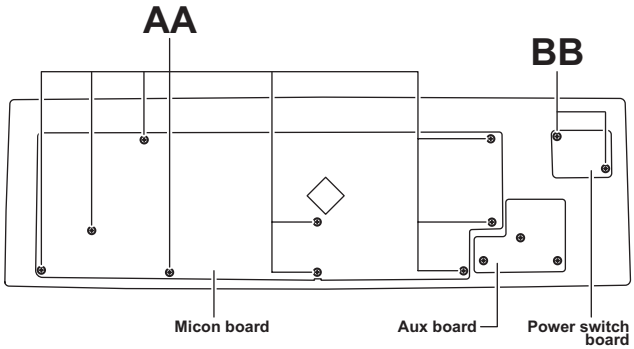


Fig.16

SECTION 4
ADJUSTMENT

This service manual does not describe ADJUSTMENT.

SECTION 5
TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.

JVC
Victor Company of Japan, Limited
Audio/Video Systems Category 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB504)

Printed in Japan
VPT

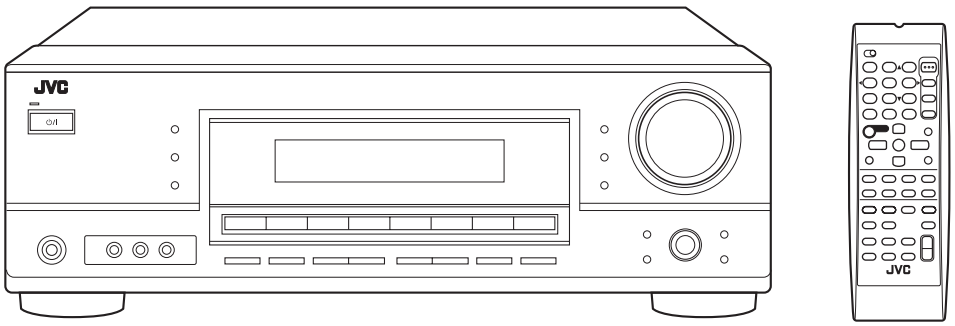
JVC

SCHEMATIC DIAGRAMS

AUDIO/VIDEO CONTROL RECEIVER

RX-5060BJ,RX-5060BC,RX-5060BE
RX-5062SB,RX-5062SE,RX-5062SEN
RX-5062SEV

CD-ROM No.SML200602



DOLBY DIGITAL PRO LOGIC II dts 96/24™ COMPU LINK Remote Radio Data System

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

Contents

Block diagrams ---------- 2-1
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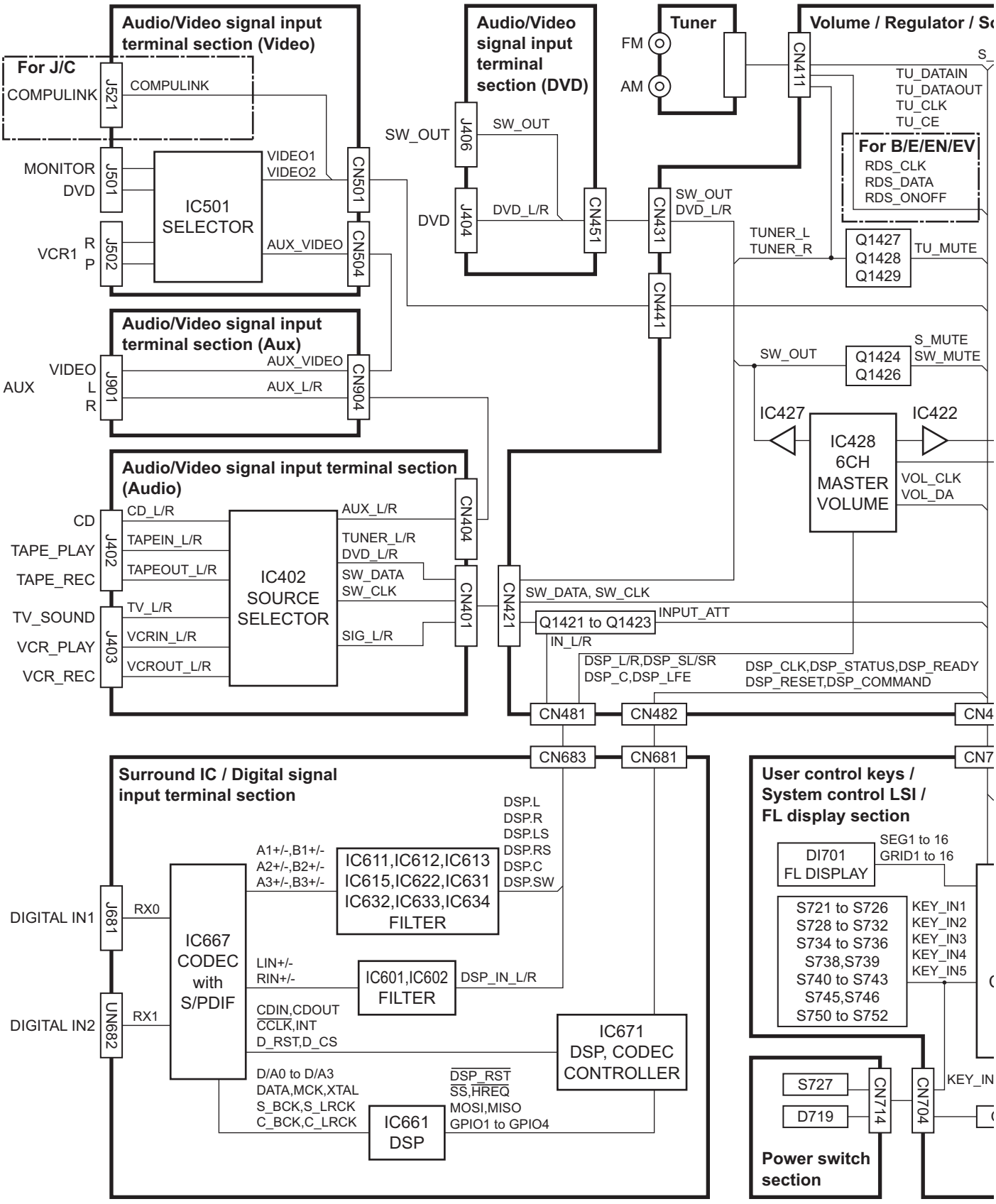
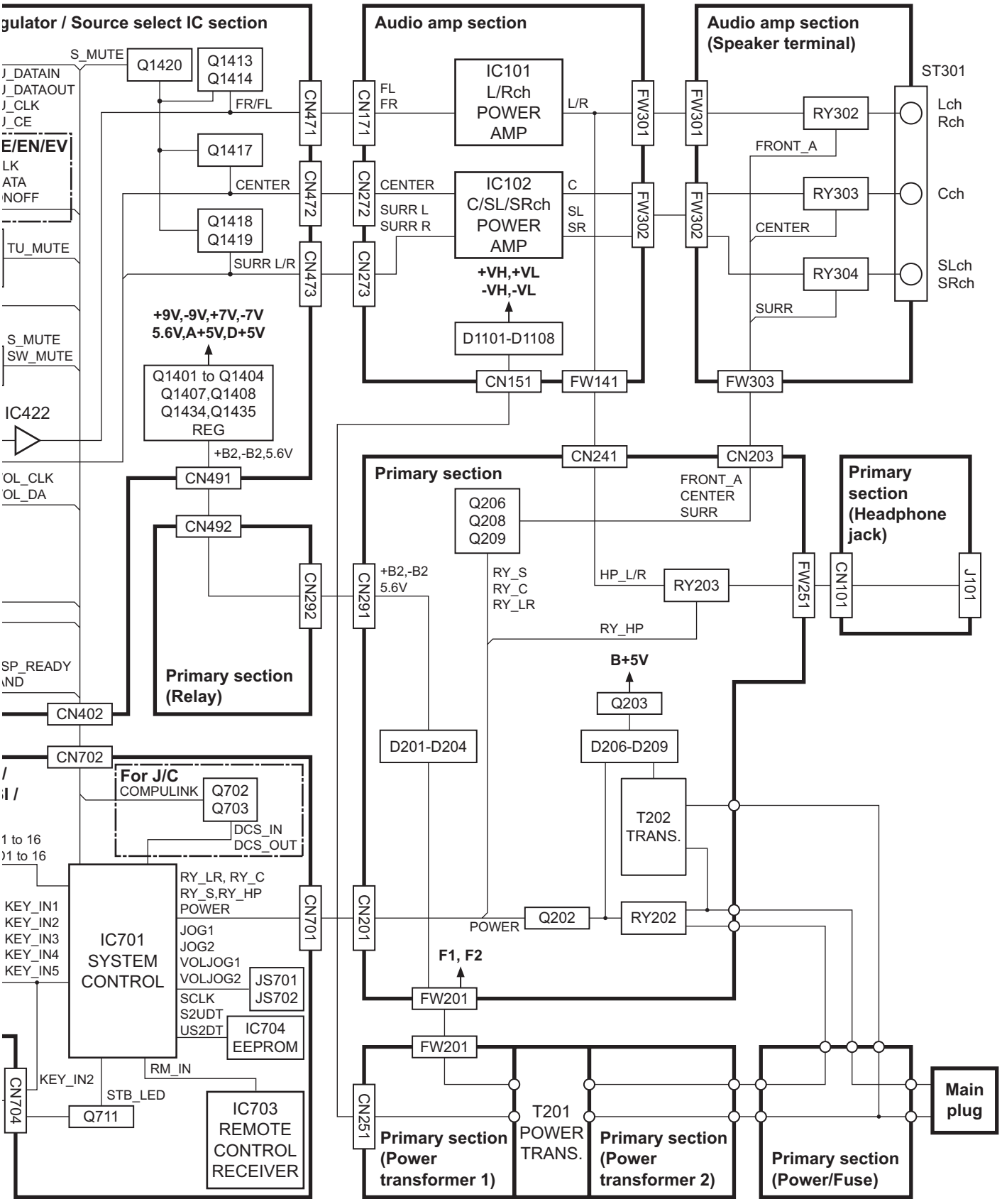
No.MB504SCH
2006/2

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▮) and ICP (⬤) or identified by the "⚠" mark nearby are critical for safety.

< MEMO >

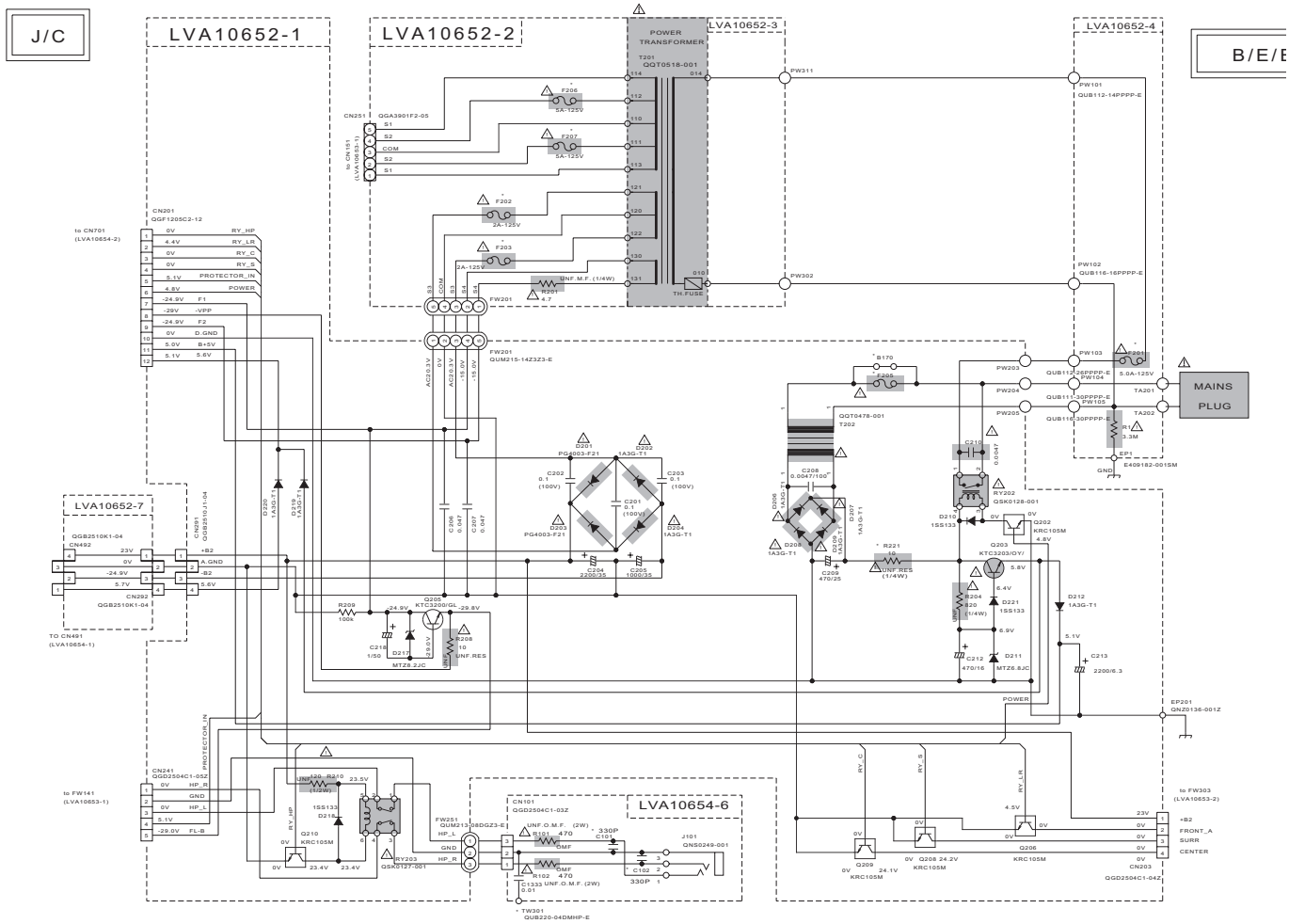
Block diagram




gulator / Source select IC section
Audio amp section
Audio amp section
(Speaker terminal)
S_MUTE
Q1420
Q1413
Q1414
FR/FL
Q1417
CENTER
Q1418
Q1419
SURR L/R
CN471
CN472
CN473
CN171
CN272
CN273
FL
FR
CENTER
SURR L
SURR R
IC101
L/Rch
POWER
AMP
IC102
C/SL/SRch
POWER
AMP
L/R
C
SL
SR
FW301
FW302
+VH,+VL
-VH,-VL
D1101-D1108
CN151
FW141
FW303
ST301
RY302
RY303
RY304
Lch
Rch
Cch
SLch
SRch
FRONT_A
CENTER
SURR
+9V,-9V,+7V,-7V
5.6V,A+5V,D+5V
Q1401 to Q1404
Q1407,Q1408
Q1434,Q1435
REG
+B2,-B2,5.6V
CN491
CN492
CN292
CN291
CN241
CN203
Primary section
Q206
Q208
Q209
FRONT_A
CENTER
SURR
Primary
section
(Headphone
jack)
+B2,-B2
5.6V
RY_S
RY_C
RY_LR
HP_L/R
RY203
FW251
CN101
J101
RY_HP
B+5V
Q203
D201-D204
D206-D209
T202
TRANS.
Primary section
(Relay)
CN402
CN702
For J/C
COMPULINK
Q702
Q703
DCS_IN
DCS_OUT
RY_LR, RY_C
RY_S,RY_HP
POWER
JOG1
JOG2
VOLJOG1
VOLJOG2
SCLK
S2UDT
US2DT
JS701
JS702
IC704
EEPROM
IC701
SYSTEM
CONTROL
KEY_IN1
KEY_IN2
KEY_IN3
KEY_IN4
KEY_IN5
CN701
CN201
POWER
Q202
RY202
F1, F2
FW201
FW201
RM_IN
KEY_IN2
STB_LED
CN704
Q711
IC703
REMOTE
CONTROL
RECEIVER
CN251
T201
POWER
TRANS.
Primary section
(Power
transformer 1)
Primary section
(Power
transformer 2)
Primary section
(Power/Fuse)
Main
plug

Standard schematic diagrams

■ Primary section



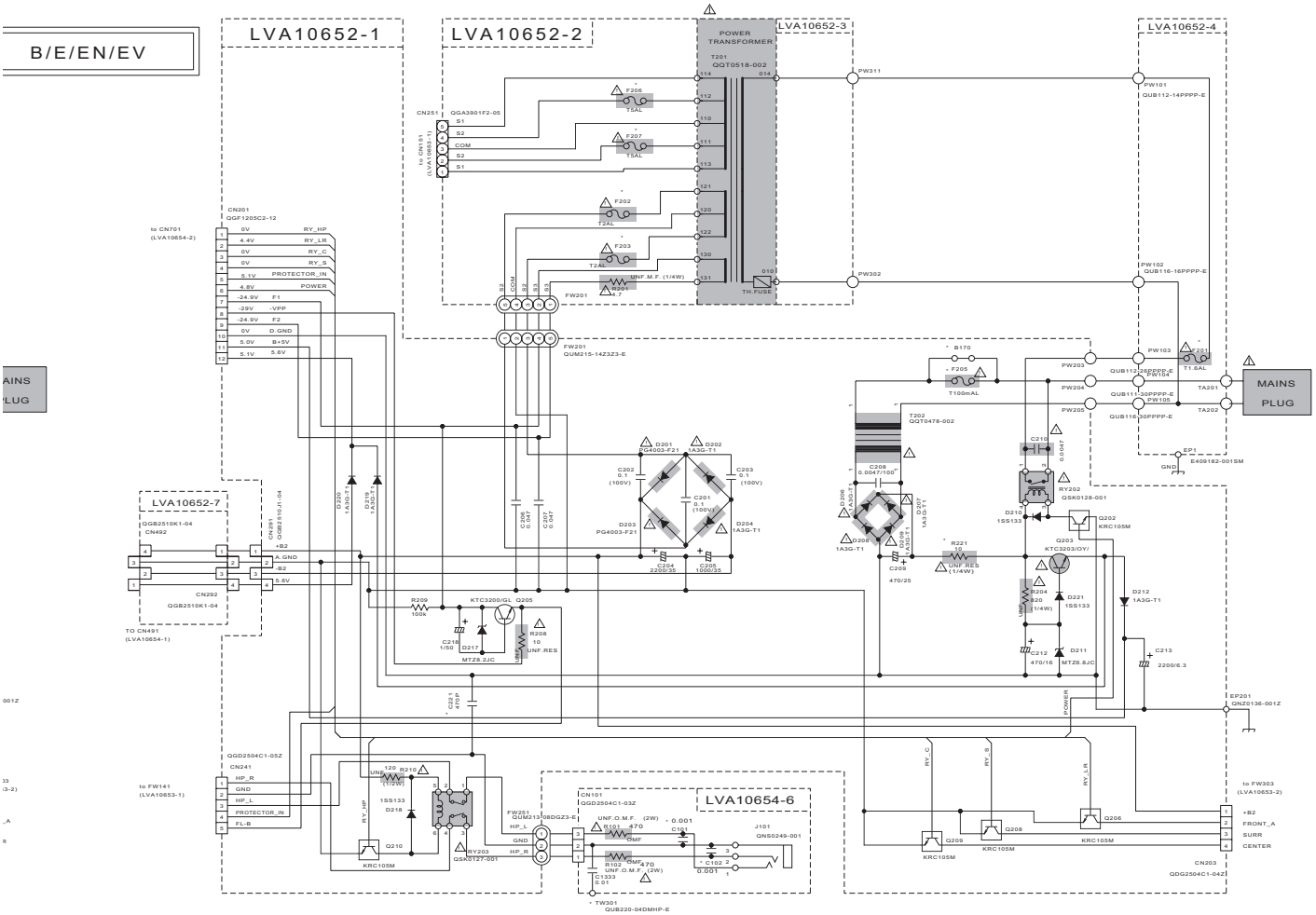
	J/C	B/E/EN/EV/UP	US/UT/UN
F201	QMF51U1-5R0-J8 (5A-125V)	QMF51W2-1R6-J8 (1.6A-250V)	QMF51W2-3R15-J8 (3.15A-250V)
F202,F203	QMF51U1-2R0-J8 (2A-125V)	QMF51W2-2R0-J8 (2A-250V)	QMF51W2-2R0-J8 (2A-250V)
F204	NONE	NONE	QMF51W2-2R5-J8 (2.5A-250V)
F205	NONE	QMF51E2-R10-J1 (100mA-250V)	QMF51E2-R10-J1 (100mA-250V)
B170	USE	NONE	NONE
F206,F207	QMF51U1-5R0-J8 (5A-125V)	QMF51W2-5R0-J8 (5A-250V)	QMF51W2-5R0-J8 (5A-250V)
VS201	NONE	NONE	USE

	J/C	B/E/EN/EV	US/UT/UN	UP
R1,EP1	USE	NONE	NONE	NONE
R211,R212 D222,D223 Q211	NONE	NONE	NONE	USE
R221	USE	USE	NONE	NONE
R203	NONE	NONE	USE	USE
T202	QQT0478-001	QQT0478-002	QQT0281-006	QQT0281-006
C209	470/25	470/25	470/63	470/63
R201	4.7	4.7	4.7	4.7
C101	330P	0.001	330P	330P
C102	330P	0.001	330P	330P
C221	NONE	USE	NONE	USE
C1333	USE	USE	NONE	USE
TW301	USE	USE	NONE	USE

VERSION CODES

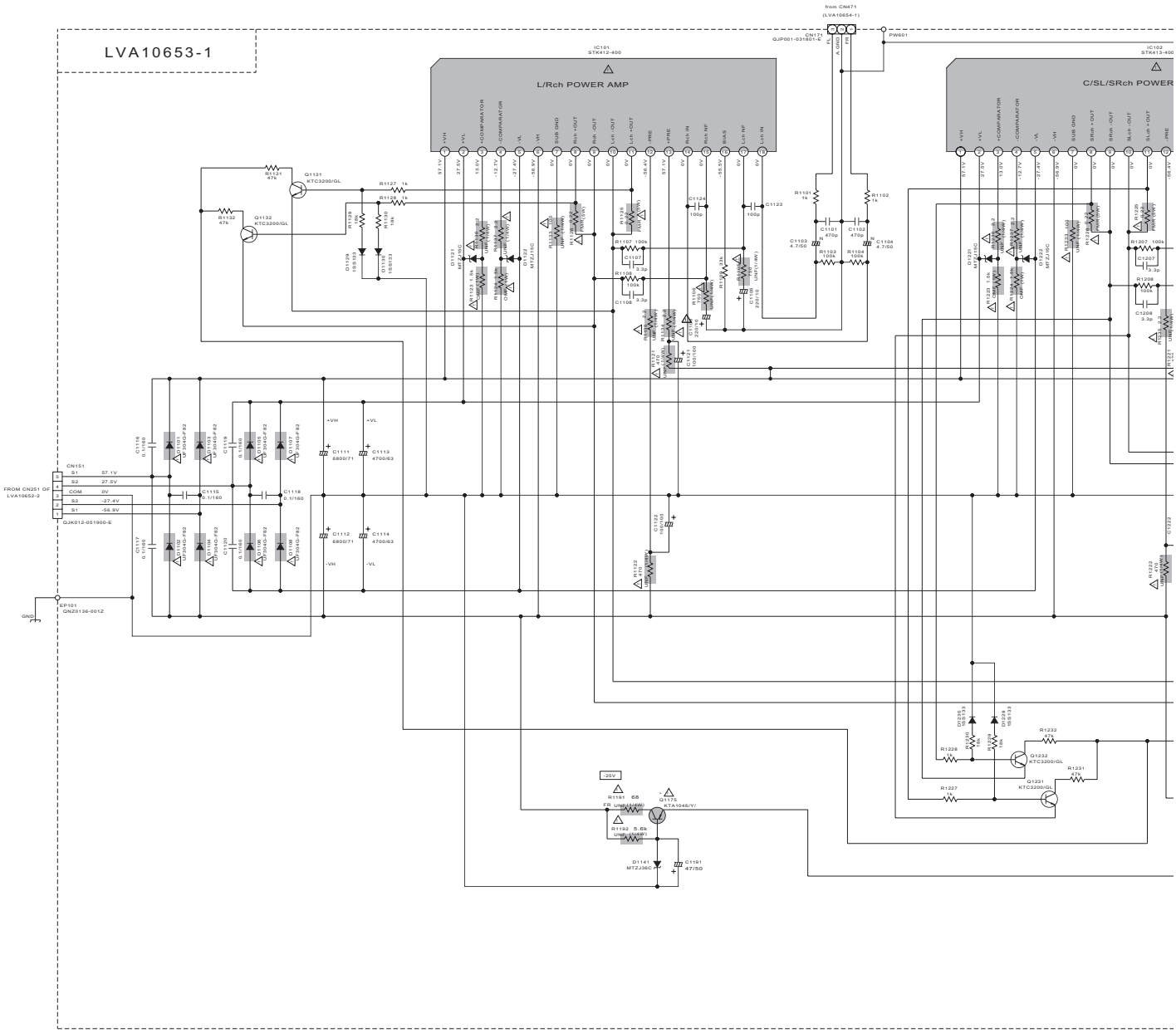
J ; U.S.A.
C ; CANADA
B ; U.K.
E ; CONTINENTAL EUROPE
EN ; NORDIC COUNTRIES
EV ; EASTERNEUROPE
US ; SINGAPORE
UT ; TAIWAN
UP ; KOREA
UN ; INDONESIA

B/E/EN/EV



⚠ Parts are safety assurance parts.
When replacing those parts make sure to use the specified one.

■ Audio amp section

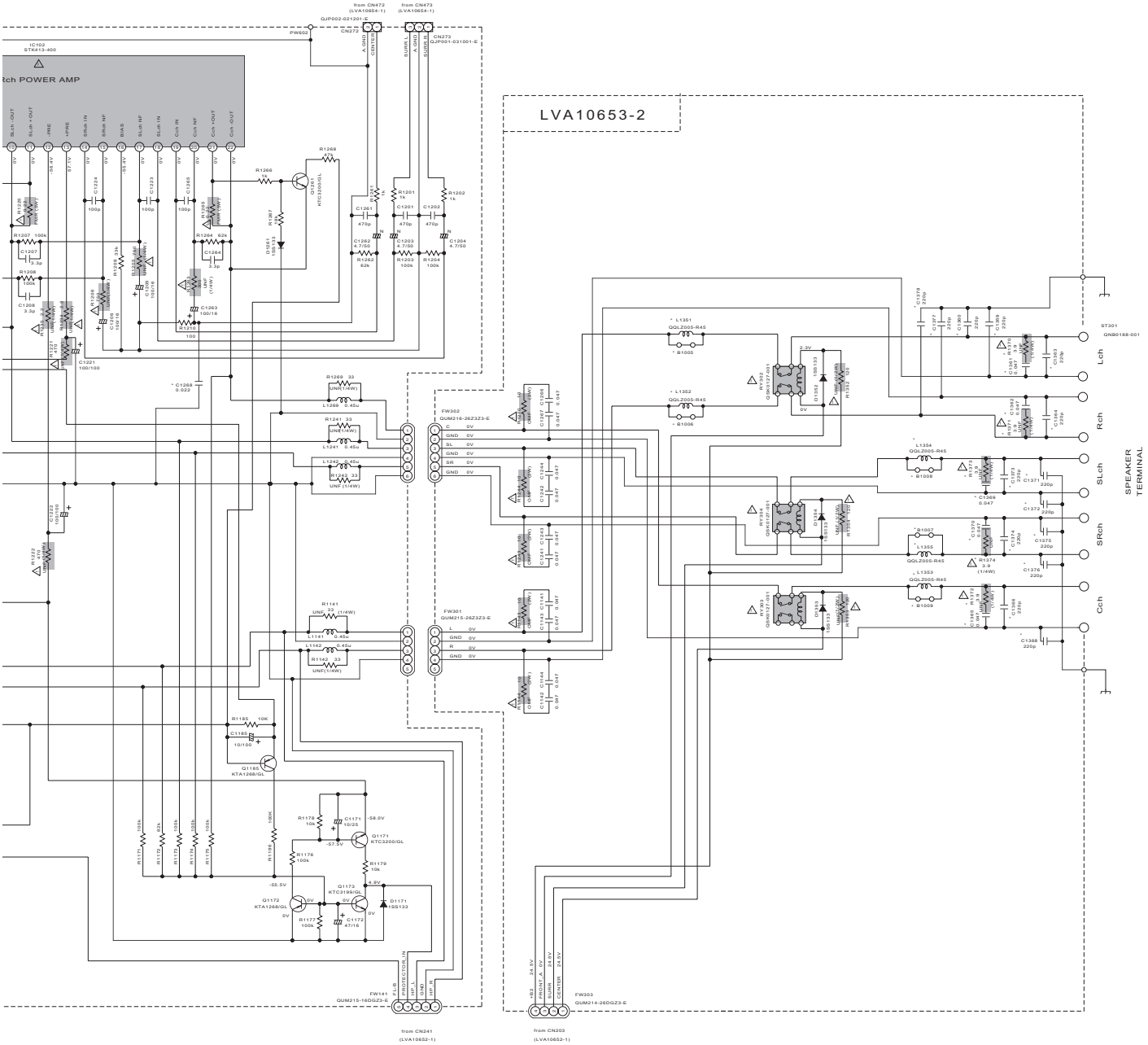


* MARK LIST

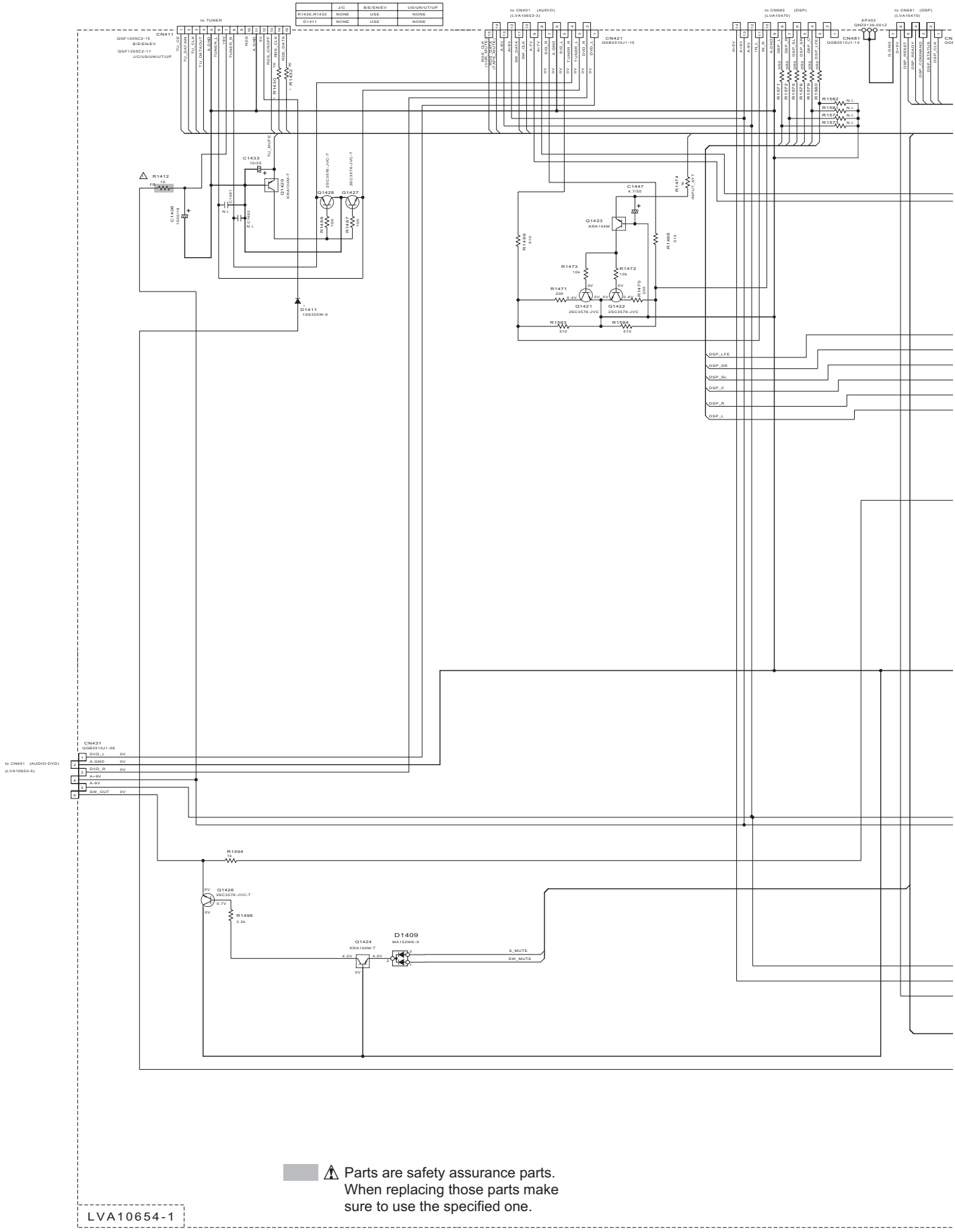
	J/C	B/E/EN/EV	UT/US/ UP/UN
B1005	USE	NONE	NONE
B1006	USE	NONE	NONE
B1007	USE	NONE	NONE
B1008	USE	NONE	NONE
B1009	USE	NONE	NONE
L1351	NONE	USE	USE
L1352	NONE	USE	USE
L1353	NONE	USE	USE
L1354	NONE	USE	USE
L1355	NONE	USE	USE
R1370,R1371	NONE	USE	USE
C1361,C1362	NONE	USE	USE
C1363,C1364	NONE	USE	USE
C1359,C1377	NONE	USE	USE
C1360,C1378	NONE	USE	USE
R1373,R1374	NONE	USE	USE
C1369,C1370	NONE	USE	USE
C1373,C1374	NONE	USE	USE
C1372,C1375	NONE	USE	USE
C1371,C1376	NONE	USE	USE
R1372	NONE	USE	USE
C1365	NONE	USE	USE
C1366	NONE	USE	USE
C1367	NONE	NONE	NONE
C1368	NONE	USE	USE

	J/C	B.E.EN.EV	UP	US/UN/UT
C1268	NONE	USE	USE	NONE

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

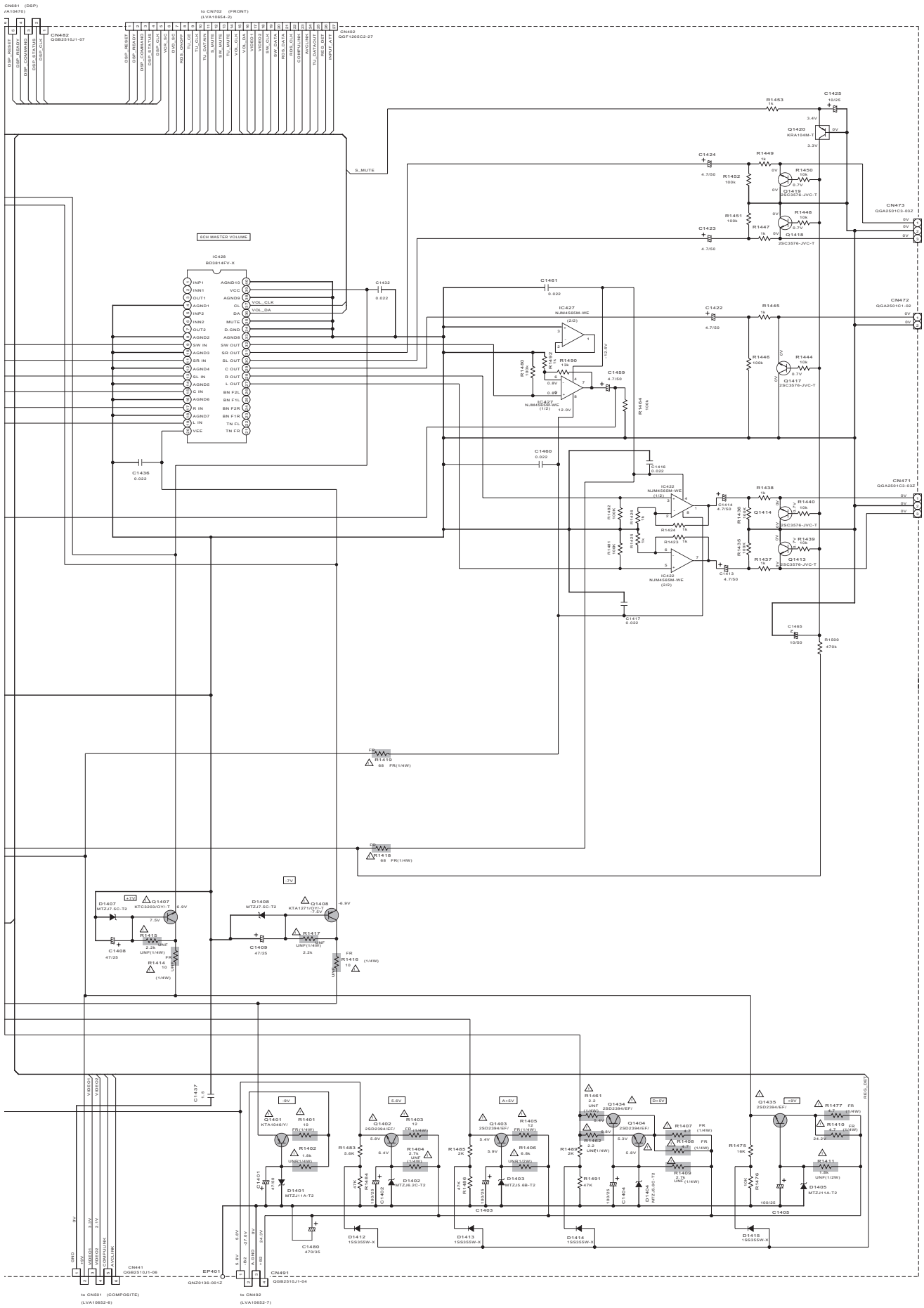

LVA10653-2
Rch POWER AMP
IC102
STK413-400
from CN472
(LVA10654-1)
from CN473
(LVA10654-1)
CN273
QJP001-031001-E
CN272
QJP002-021201-E
PW602
FW302
QUM216-26Z3Z3-E
FW301
QUM215-26Z3Z3-E
FW141
QUM215-16DGZ3-E
FW303
QUM214-26DGZ3-E
from CN241
(LVA10652-1)
from CN203
(LVA10652-1)
ST301
QNB0188-001
Lch
Rch
SLch
SRch
Cch
SPEAKER
TERMINAL

■ Volume / Regulator / Source selector section

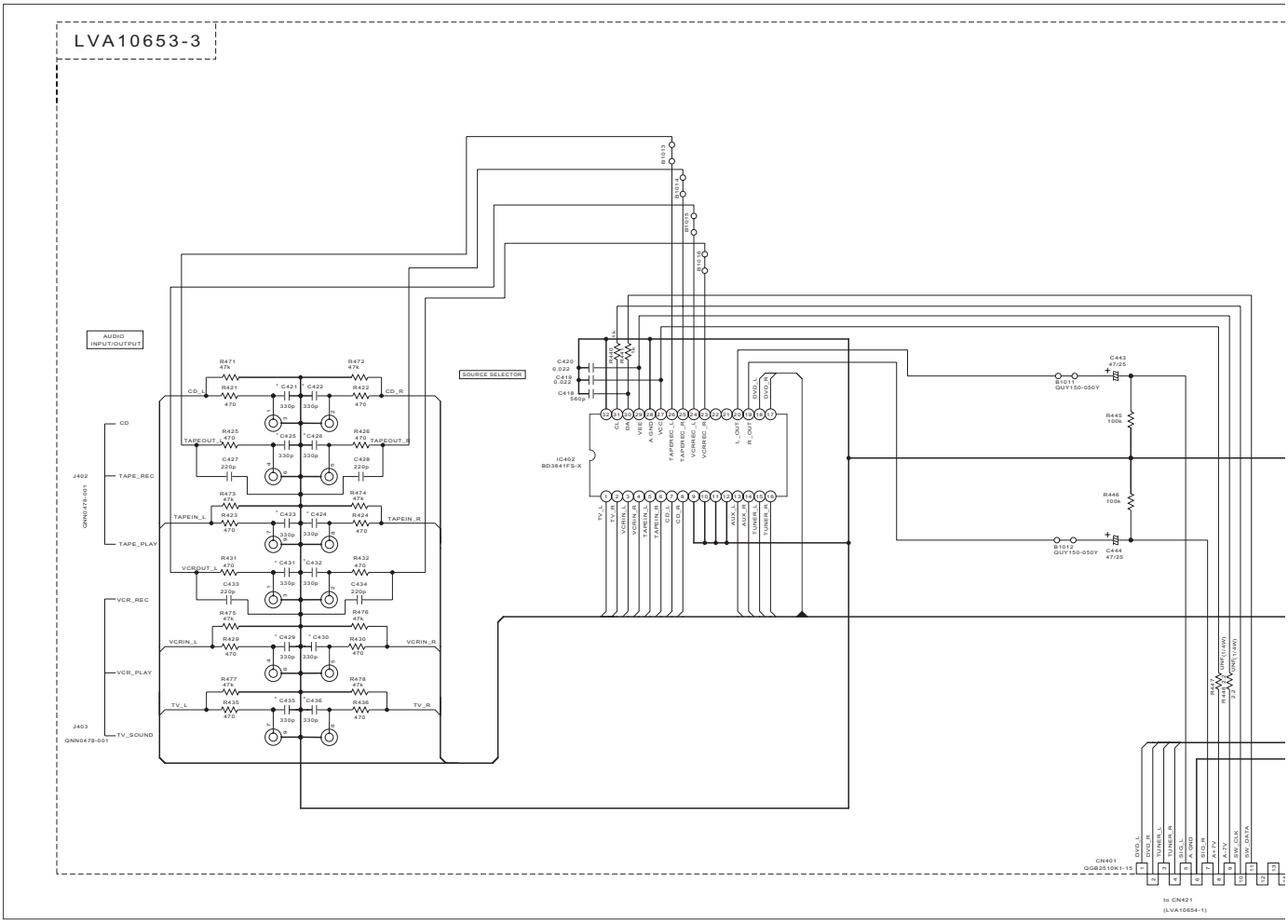


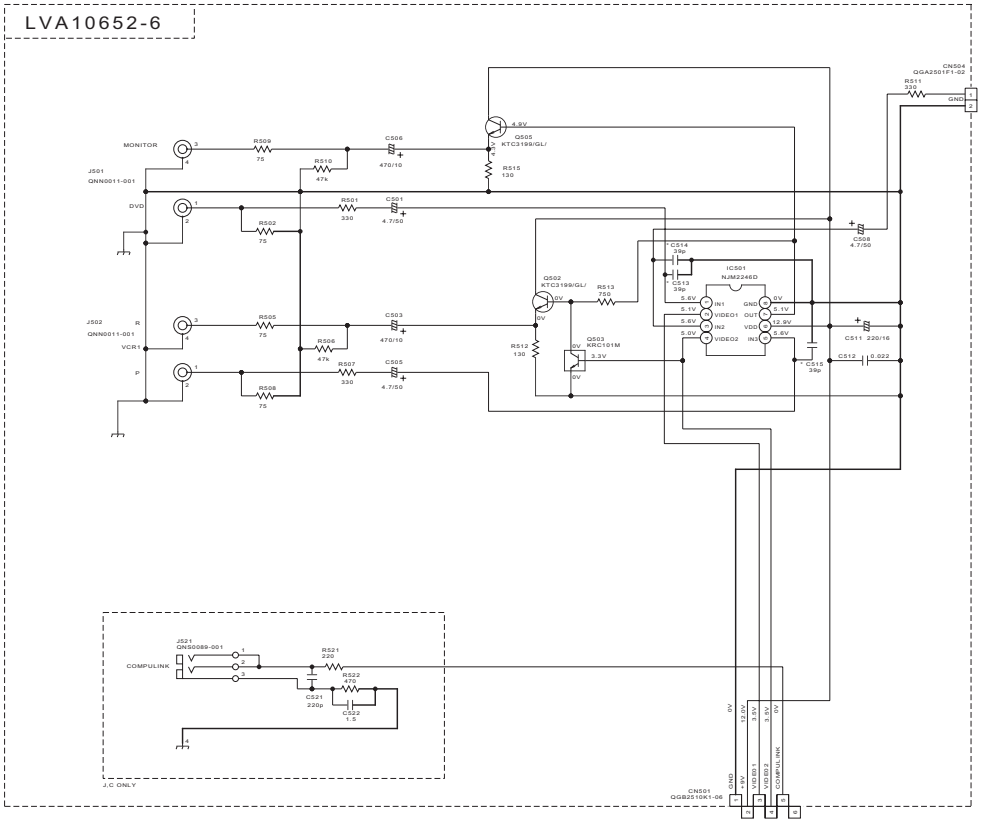
⚠ Parts are safety assurance parts.
When replacing those parts make sure to use the specified one.

LVA10654-1


CN681 (DSP)
/A10470)
CN482
QGB2510J1-07
DSP_RESET
DSP_READY
DSP_COMMAND
DSP_STATUS
DSP_CLK
to CN702 (FRONT)
(LVA10654-2)
CN402
QGF1205C2-27
VOL_SC
VOL_DT
RDS_ON/F
TU_CE
TU_CLK
TU_DATA/M
TU_DATA/S
SW_MUTE
TU_MUTE
VOL_CLK
VOL_DA
VIDEO1
VIDEO2
SW_CLK
SW_DATA
RDS_DATA
RDS_CLK
COMPULINK
AVOLINK
TU_DATAOUT
RDS_DET
RDS_INT
S_MUTE
6CH MASTER VOLUME
IC428
BD3814FV-X
INP1
INN1
OUT1
AGND1
INP2
INN2
OUT2
AGND2
SW IN
AGND3
SR IN
AGND4
SL IN
AGND5
C IN
AGND6
R IN
AGND7
L IN
VEE
AGND10
VCC
AGND9
VOL_CLK
CL
DA
VOL_DA
MUTE
D.GND
AGND8
SW OUT
SR OUT
SL OUT
C OUT
R OUT
L OUT
BN F2L
BN F1L
BN F2R
BN F1R
TN FL
TN FR
C1432
0.022
C1436
0.022
C1461
0.022
IC427
NJM4565M-WE
(2/2)
IC427
NJM4565M-WE
(1/2)
R1490
1.3k
R1459
4.7/50
R1464
100k
C1460
0.022
C1416
0.022
IC422
NJM4565M-WE
(1/2)
IC422
NJM4565M-WE
(2/2)
R1424
1k
R1423
1k
C1414
4.7/50
C1413
4.7/50
C1417
0.022
C1465
10/50
R1500
470k
C1425
10/25
R1453
1k
Q1420
KRA104M-T
C1424
4.7/50
R1449
1k
R1452
100k
R1450
10k
Q1419
2SC3576-JVC-T
R1451
100k
R1447
1k
R1448
10k
Q1418
2SC3576-JVC-T
C1423
4.7/50
C1422
4.7/50
R1445
1k
R1446
100k
R1444
10k
Q1417
2SC3576-JVC-T
R1438
1k
R1440
10k
Q1414
2SC3576-JVC-T
R1439
10k
Q1413
2SC3576-JVC-T
R1437
1k
CN473
QGA2501C3-03Z
SURR R
A.GND
SURR L
to CN273
(LVA10653-1)
CN472
QGA2501C1-02
CENTER
A.GND
to CN272
(LVA10653-1)
CN471
QGA2501C3-03Z
FR
A.GND
FL
to CN171
(LVA10653-1)
R1419
68 FR(1/4W)
R1418
68 FR(1/4W)
+7V
D1407
MTZJ7.5C-T2
Q1407
KTC3203/GY/-T
6.9V
7.5V
R1415
2.2k
UNF(1/4W)
C1408
47/25
R1414
10
(1/4W)
-7V
D1408
MTZJ7.5C-T2
Q1408
KTA1271/GY/-T
-6.9V
-7.2V
R1417
2.2k
UNF(1/4W)
C1409
47/25
R1416
10
(1/4W)
-9V
Q1401
KTA1046/Y/
R1401
10
R1402
1.8k
UNF(1/4W)
D1401
MTZJ11A-T2
5.6V
Q1402
2SD2394/EF/
R1403
12
R1404
2.7k
UNF(1/4W)
R1483
5.6K
D1402
MTZJ6.2C-T2
A+5V
Q1403
2SD2394/EF/
R1405
12
R1406
6.8k
UNF(1/2W)
R1485
2K
D1403
MTZJ5.6B-T2
D+5V
R1461
2.2
UNF
(1/4W)
Q1434
2SD2394/EF/
R1462
2.2
UNE(1/4W)
Q1404
2SD2394/EF/
R1407
2.2
UNF(1/4W)
R1408
2.2k
UNF(1/4W)
R1409
2.2k
UNF(1/4W)
R1489
2K
R1491
47K
D1404
MTZJ4.3C-T2
+9V
Q1435
2SD2394/EF/
R1477
1.8k
UNF(1/2W)
R1410
2.2
UNF(1/4W)
R1411
1.8k
UNF(1/2W)
R1475
16K
R1476
10K
D1405
MTZJ11A-T2
C1401
470/25
C1402
100/25
C1403
100/25
C1404
100/25
C1405
100/25
C1437
0.1
C1480
470/35
D1412
1SS355W-X
D1413
1SS355W-X
D1414
1SS355W-X
D1415
1SS355W-X
REG_DET
VIDEO1
VIDEO2
GND
+5V
VIDEO1
VIDEO2
COMPULINK
AVOLINK
CN441
QGB2510J1-06
EP401
QNZ0136-0012
CN491
QGB2510J1-04
to CN501 (COMPOSITE)
(LVA10652-6)
to CN492
(LVA10652-7)

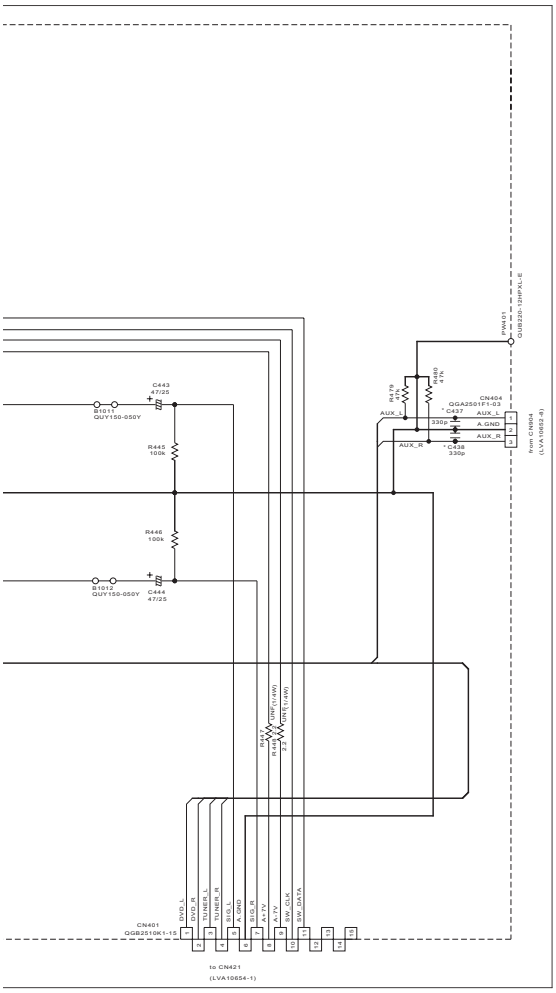
■ Audio, Video signal control / Souce selector section

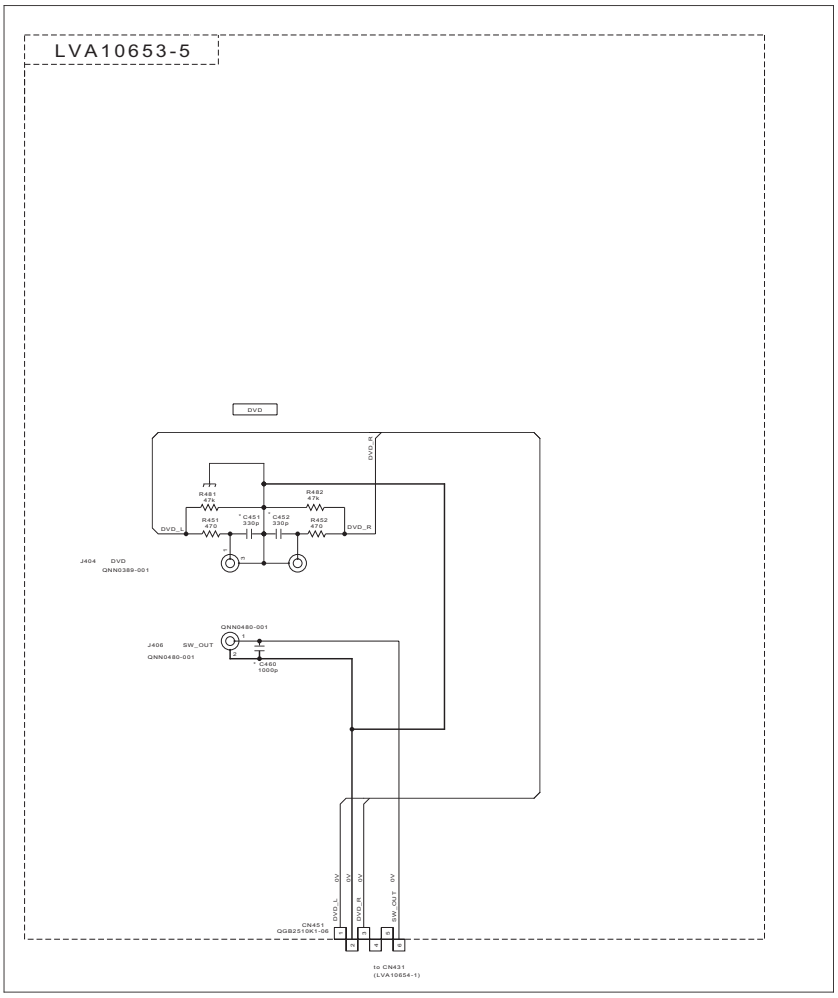


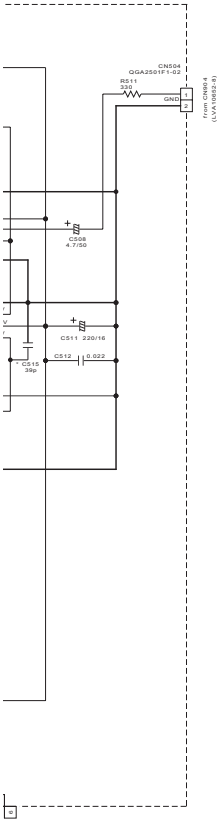


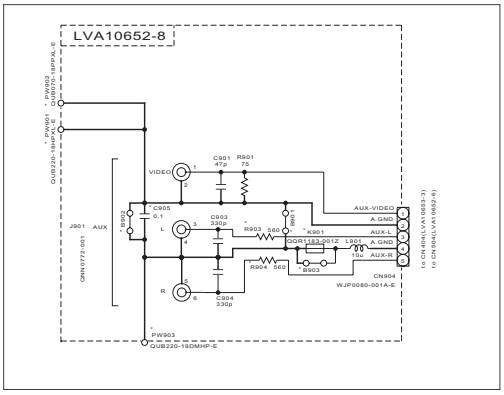
*MARK LIST

C421,C422, C423,C424, C425,C426, C429,C430, C431,C432, C435,C436, C451,C452
C513,C514, C515
C437,C438
R903,R904
K901
R903
C905
R902
R901
C460
PW901
PW902
PW903





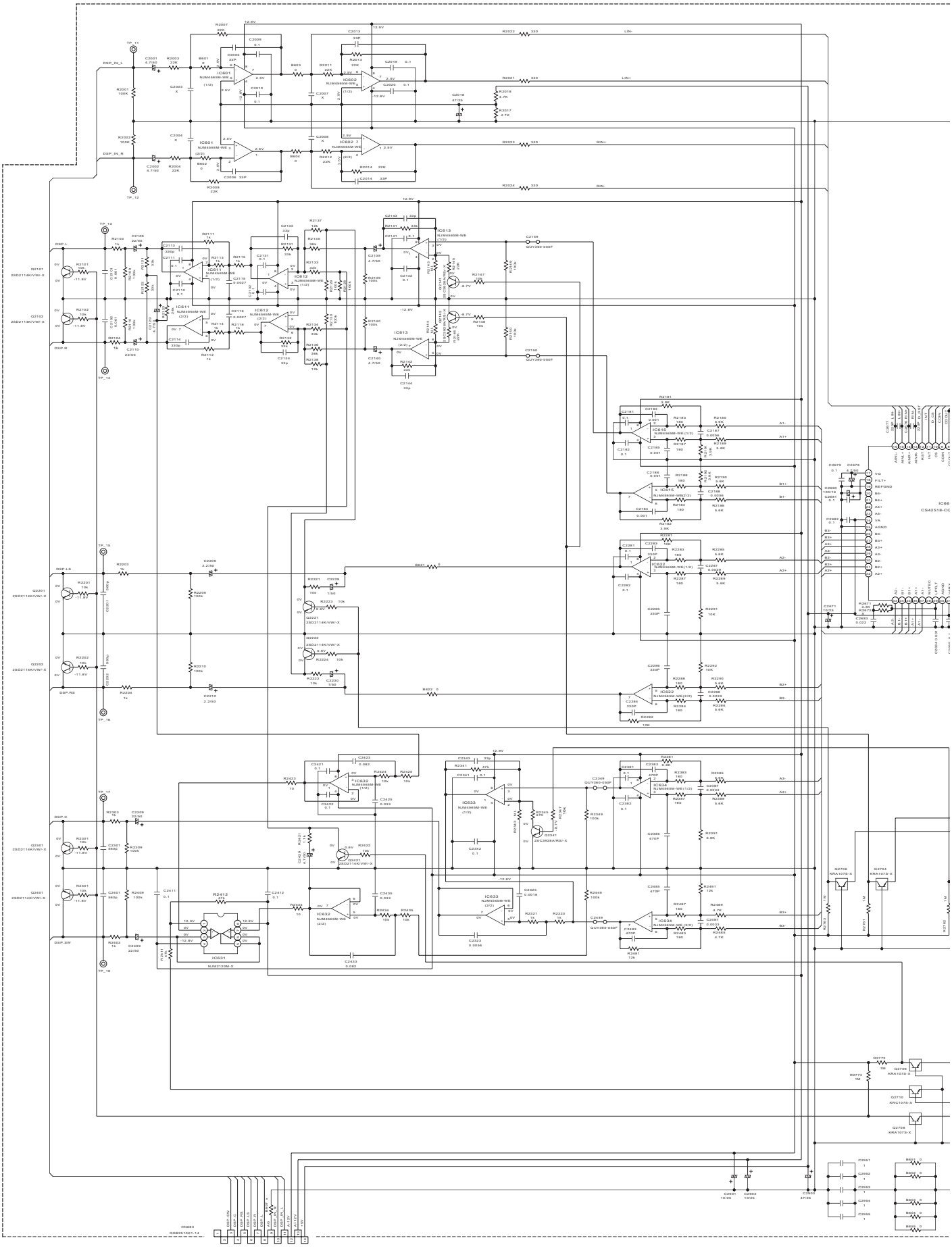


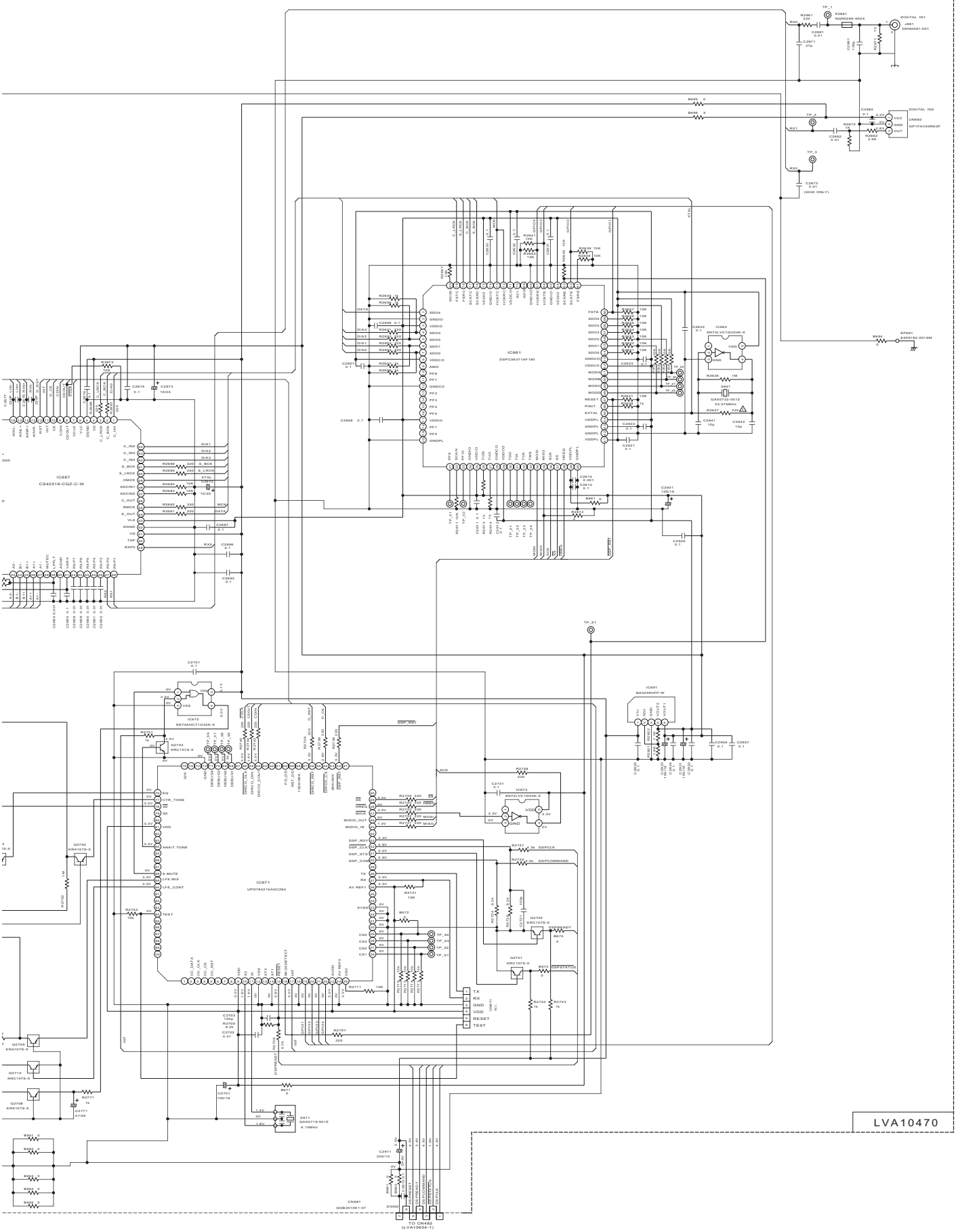


*MARK LIST

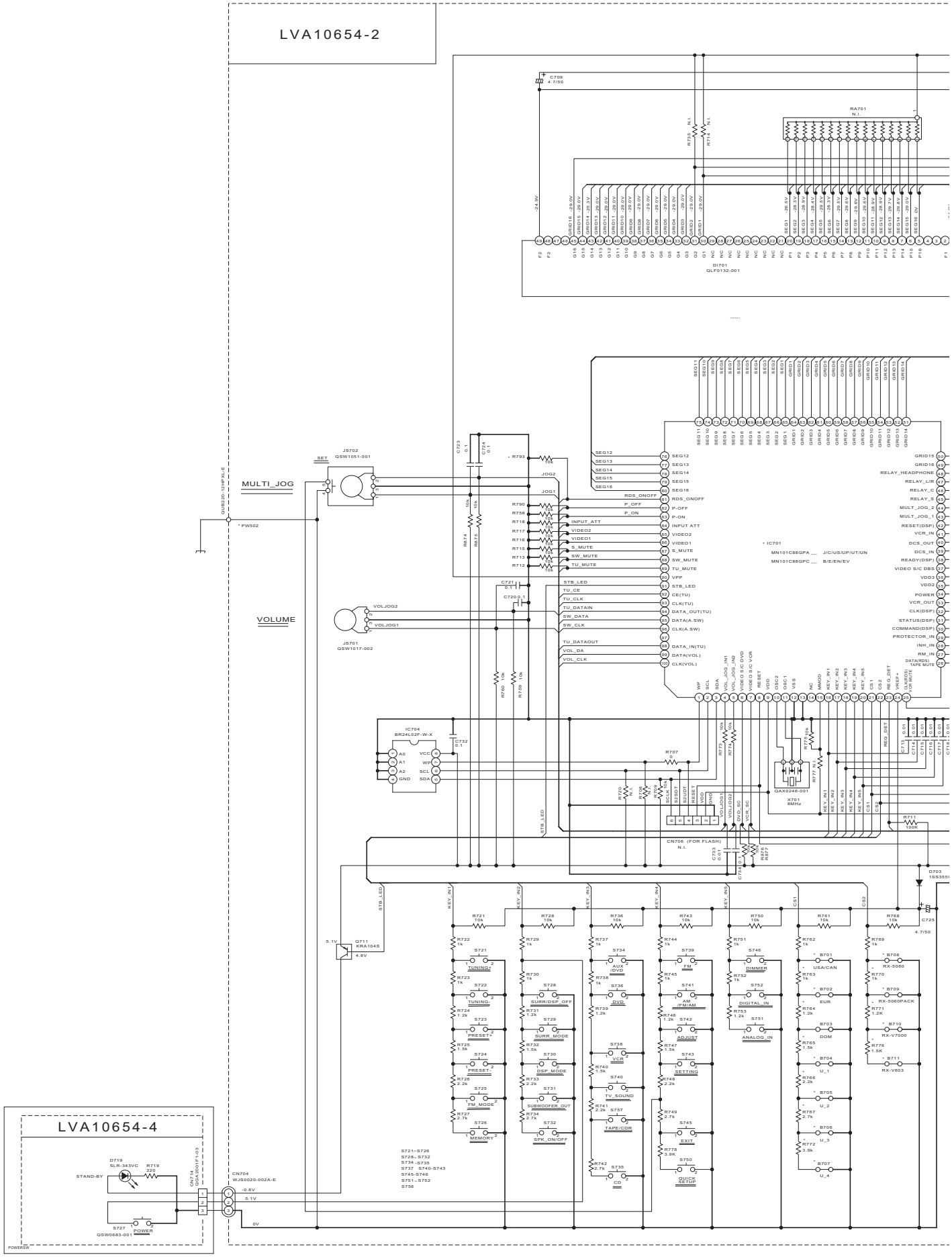
	J/C	US/UT/UN	B/E/EN/EV	UP
C421,C422, C423,C424, C425,C426, C429,C430, C431,C432, C435,C436, C451,C452	NONE	NONE	USE	USE
C513,C514, C515	NONE	NONE	USE	USE
C437,C438	USE	NONE	USE	USE
R903,R904	470	470	560	560
K901	USE	NONE	NONE	NONE
B903	NONE	USE	USE	USE
C905	NONE	NONE	USE	USE
B902	USE	USE	NONE	NONE
B901	USE	USE	NONE	NONE
C460	NONE	NONE	USE	USE
PW901	NONE	NONE	USE	USE
PW902	NONE	USE	NONE	NONE
PW903	USE	NONE	USE	USE

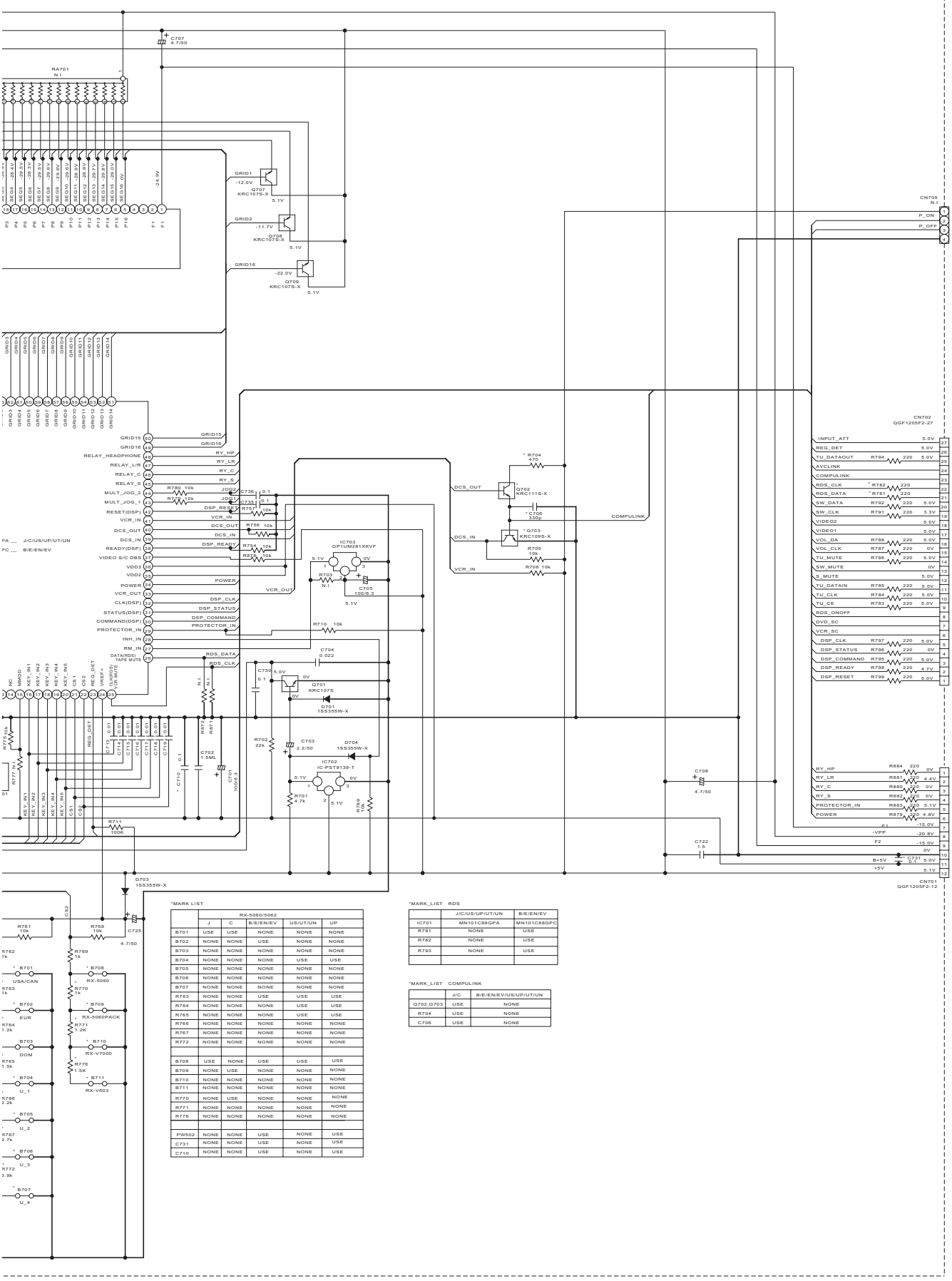
■ Surround / DSP section




LVA10470

■ User control key / System control LSI / FL display section





*MARK LIST

	RX-5060/5062				
	J	C	B/E/EN/EV	US/UT/UN	UP
B701	USE	USE	NONE	NONE	NONE
B702	NONE	NONE	USE	NONE	NONE
B703	NONE	NONE	NONE	NONE	NONE
B704	NONE	NONE	NONE	USE	USE
B705	NONE	NONE	NONE	NONE	NONE
B706	NONE	NONE	NONE	NONE	NONE
B707	NONE	NONE	NONE	NONE	NONE
R763	NONE	NONE	USE	USE	USE
R764	NONE	NONE	NONE	USE	USE
R765	NONE	NONE	NONE	USE	USE
R766	NONE	NONE	NONE	NONE	NONE
R767	NONE	NONE	NONE	NONE	NONE
R772	NONE	NONE	NONE	NONE	NONE
B708	USE	NONE	USE	USE	USE
B709	NONE	USE	NONE	NONE	NONE
B710	NONE	NONE	NONE	NONE	NONE
B711	NONE	NONE	NONE	NONE	NONE
R770	NONE	USE	NONE	NONE	NONE
R771	NONE	NONE	NONE	NONE	NONE
R776	NONE	NONE	NONE	NONE	NONE
PW502	NONE	NONE	USE	NONE	USE
C731	NONE	NONE	USE	NONE	USE
C710	NONE	NONE	USE	NONE	USE

*MARK_LIST RDS

	J/C/US/UP/UT/UN	B/E/EN/EV
IC701	MN101C88GPA	MN101C88GPC
R781	NONE	USE
R782	NONE	USE
R793	NONE	USE

*MARK_LIST COMPULINK

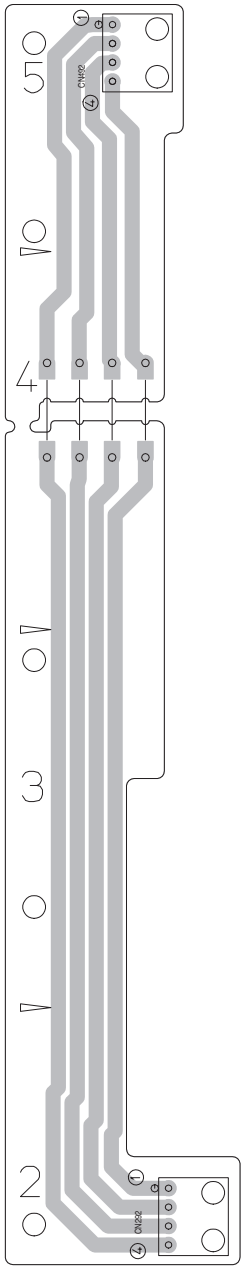
	J/C	B/E/EN/EV/US/UP/UT/UN
Q702,Q703	USE	NONE
R704	USE	NONE
C706	USE	NONE

Printed circuit boards

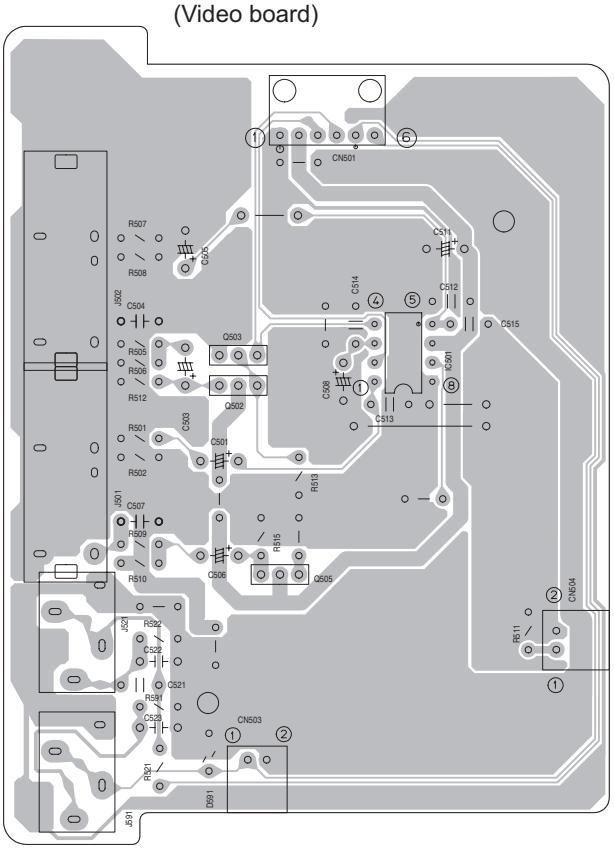
■ Power supply board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

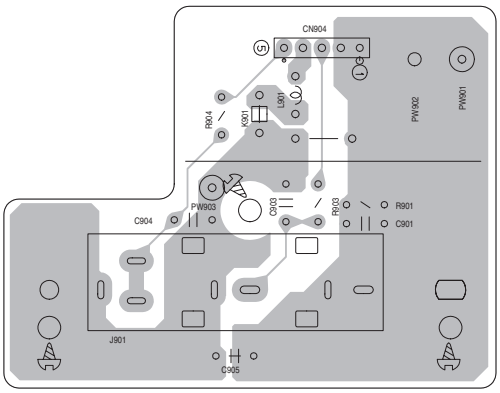
(Relay board)



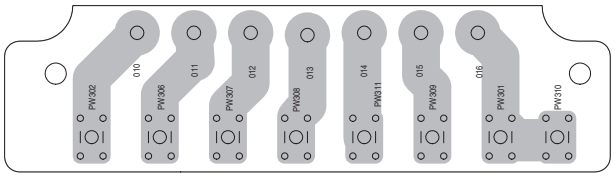
(Video board)



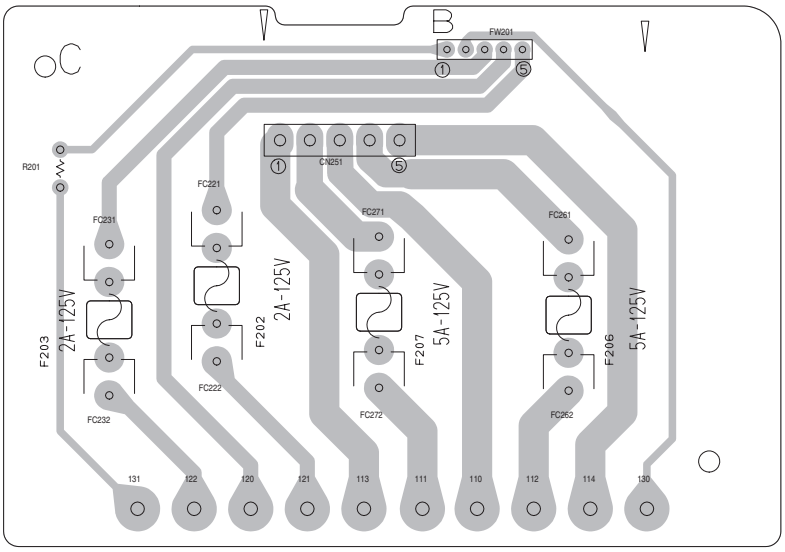
(Front jack board)



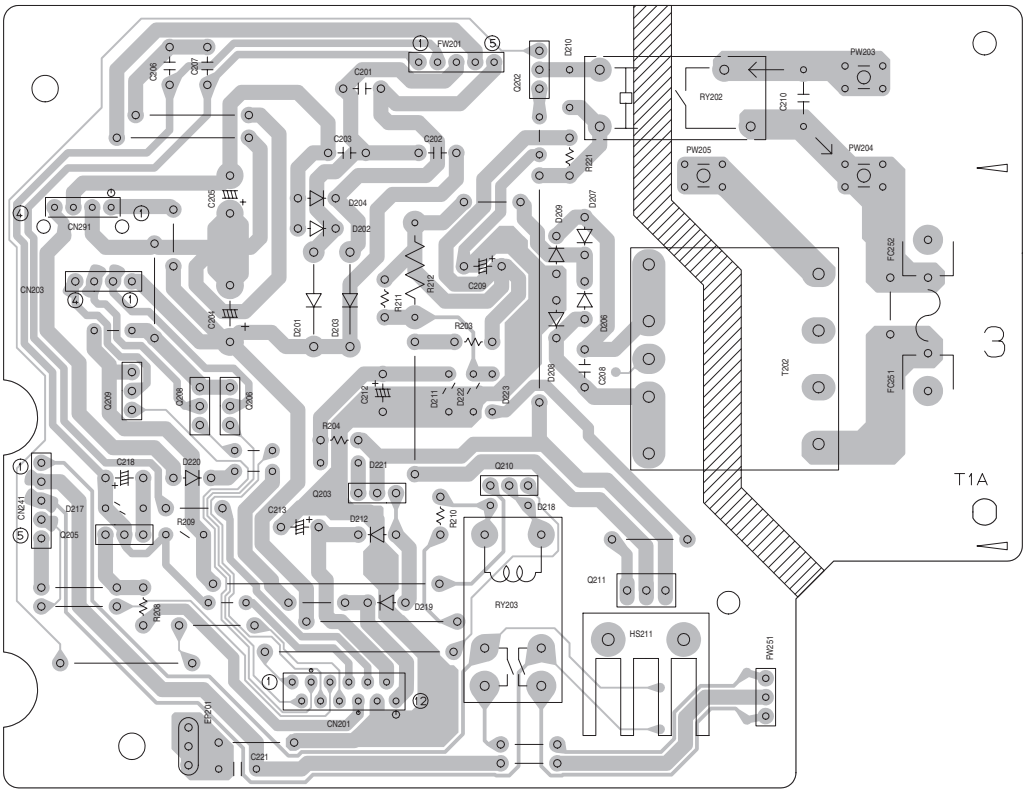
(Power transformer board 2)



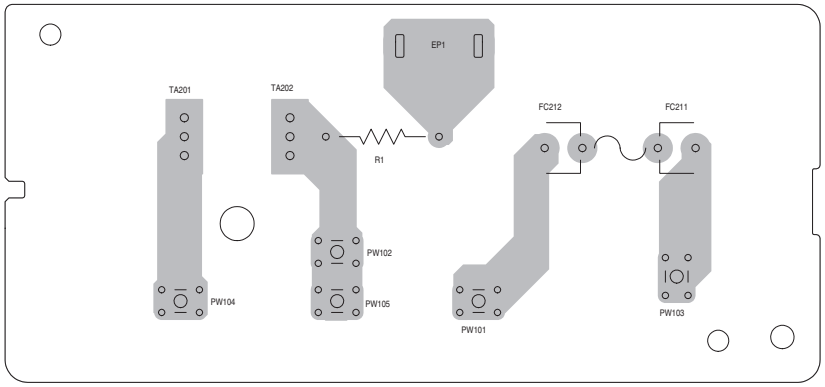
(Power transformer board 1)



(Main board)



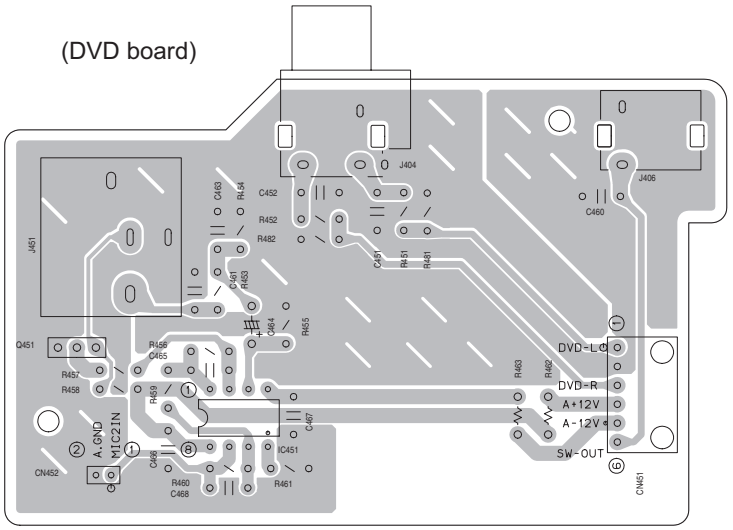
(Power / Fuse board)



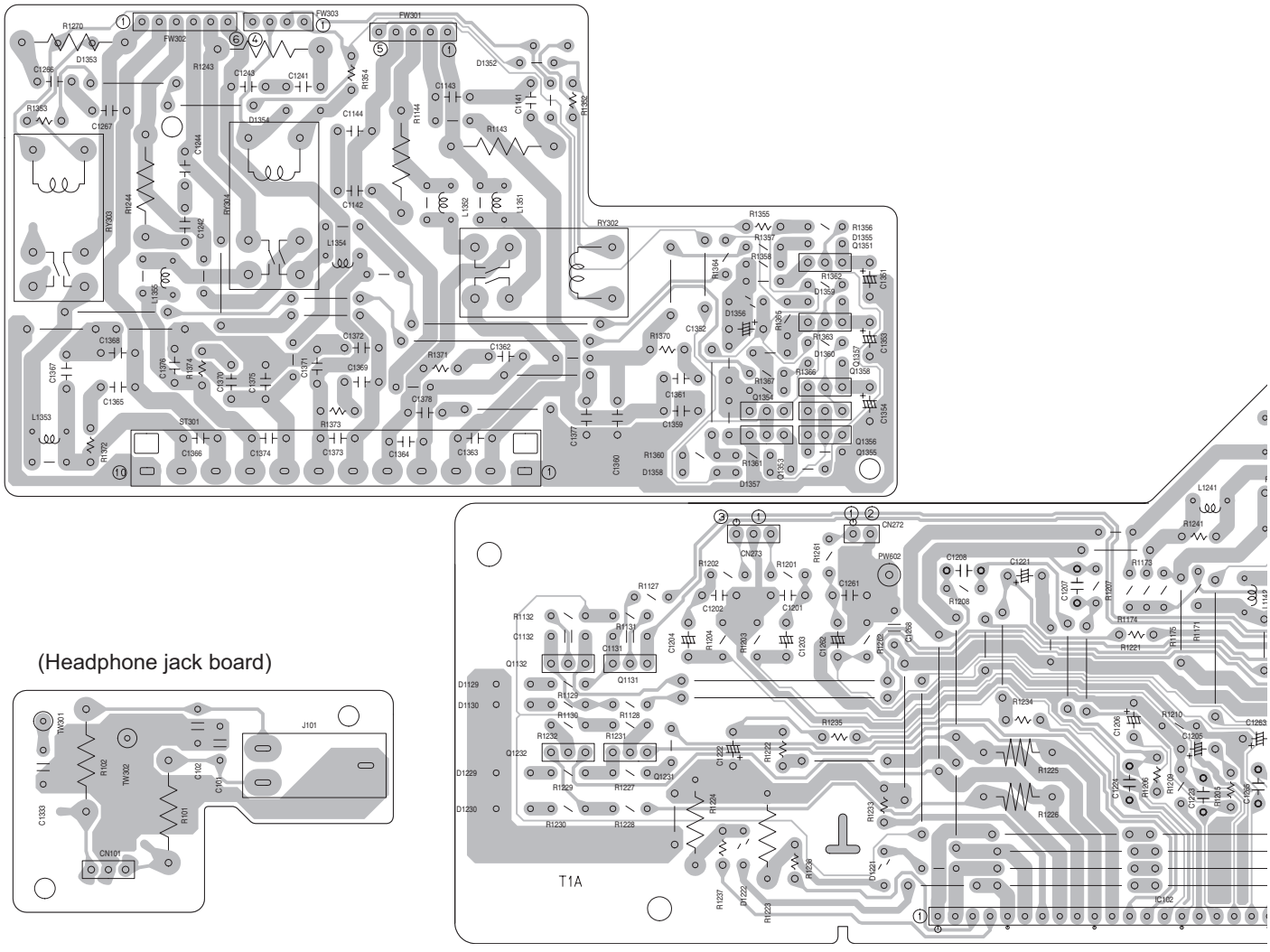
■ Amp board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

(DVD board)

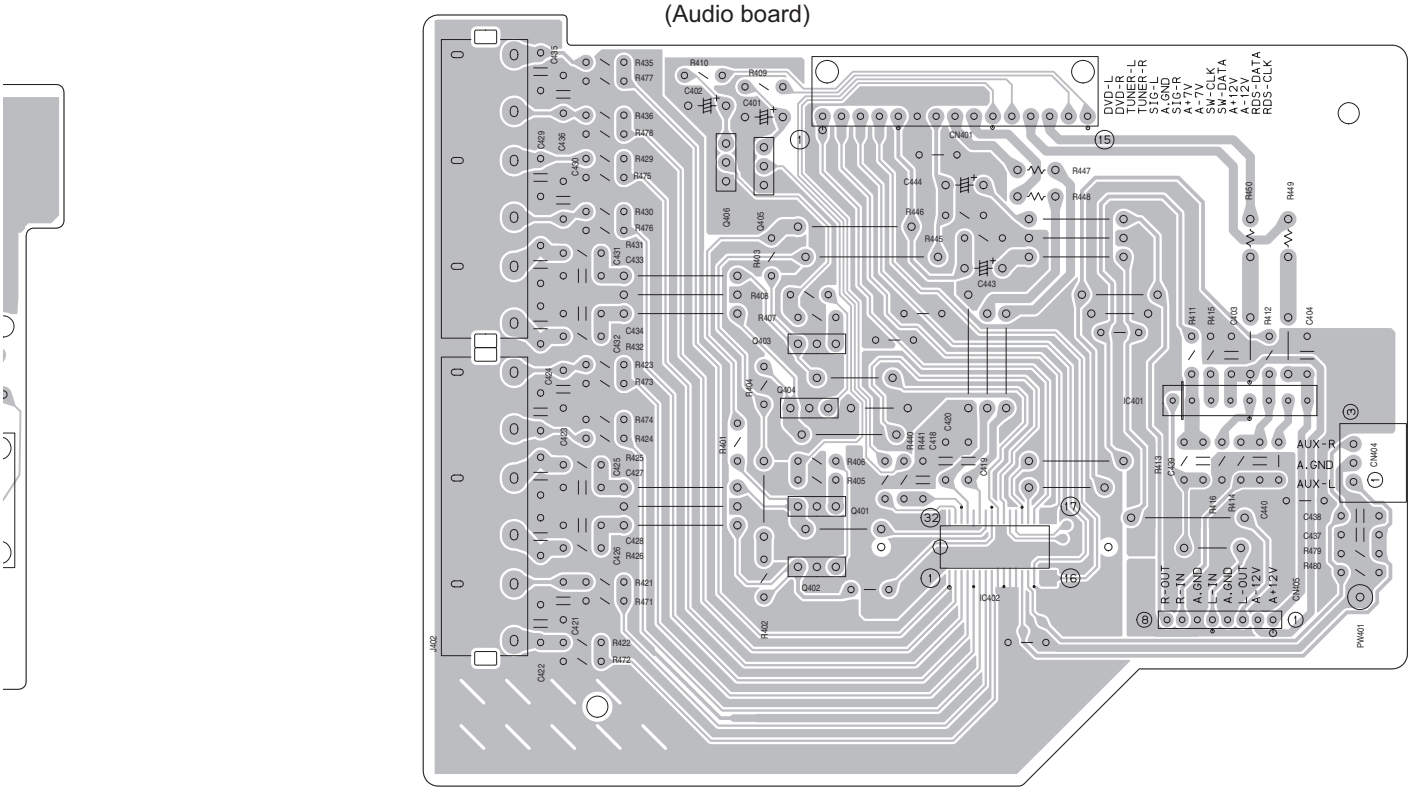


(Speaker terminal board)

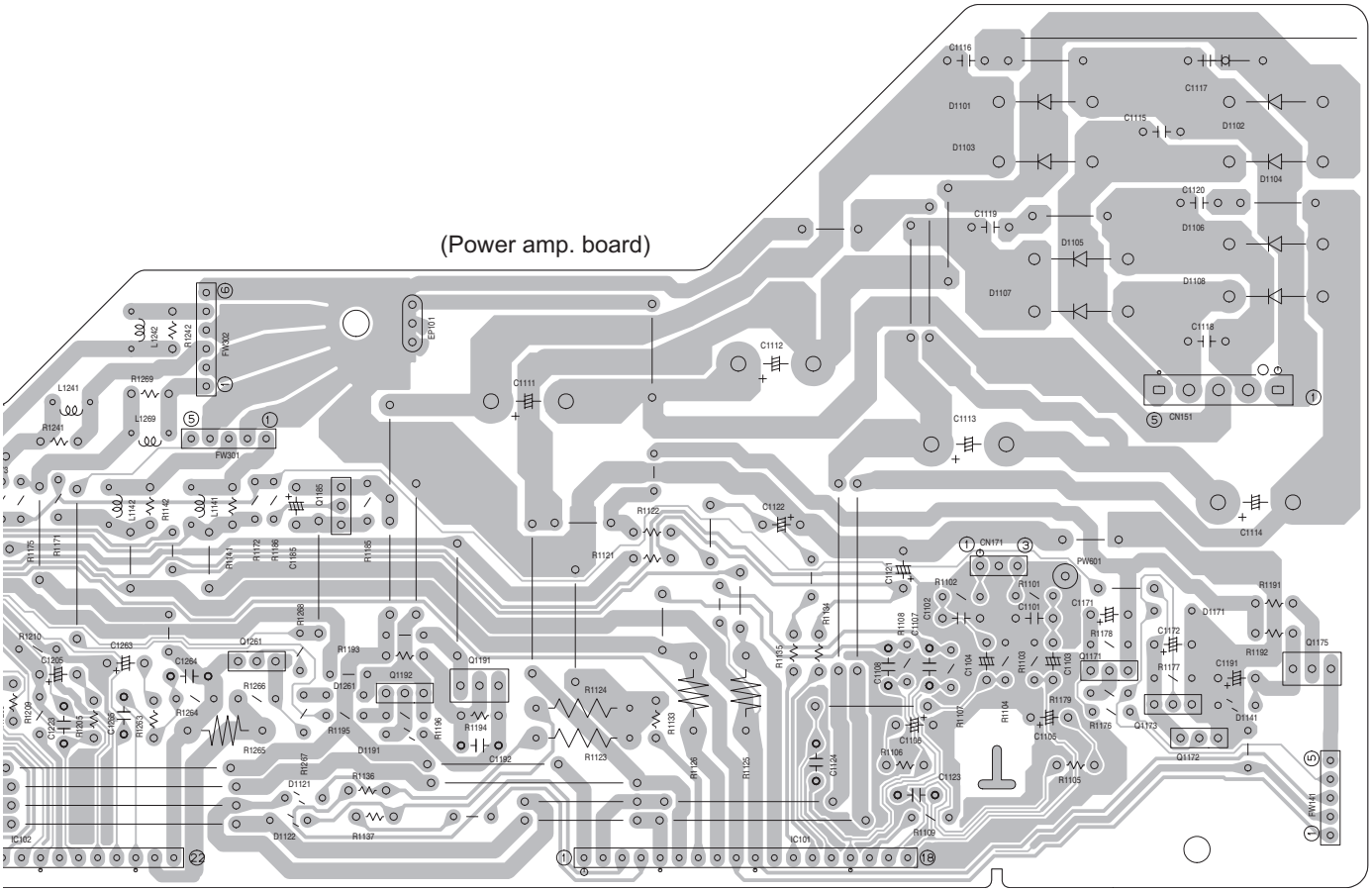


(Headphone jack board)

(Audio board)



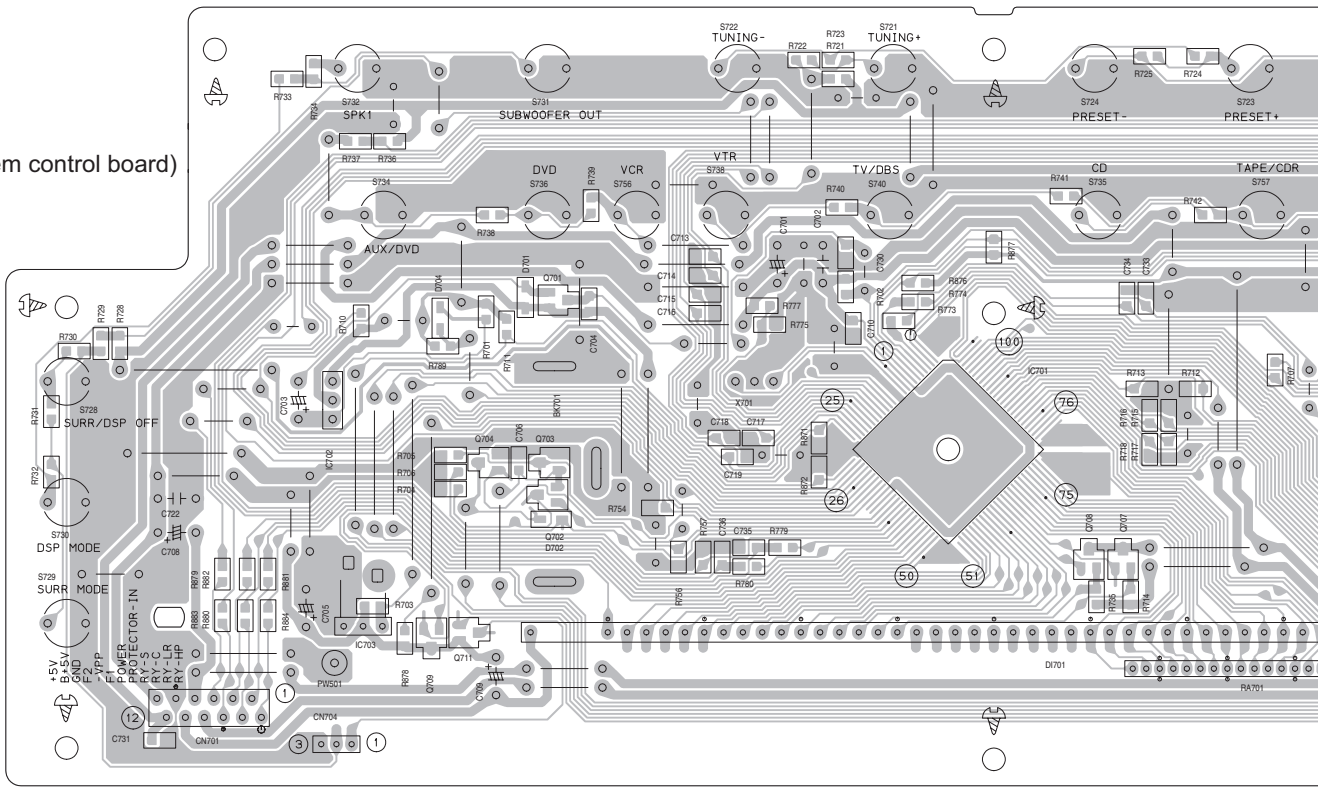
(Power amp. board)



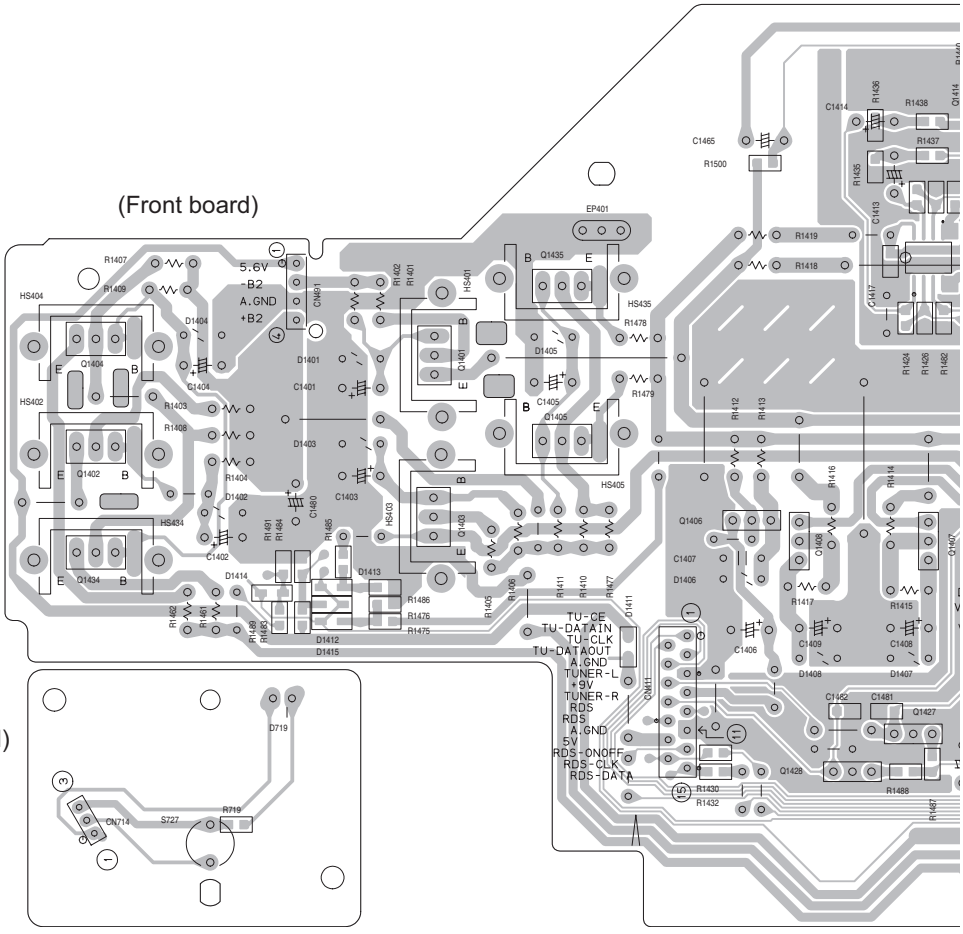
■ Front board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

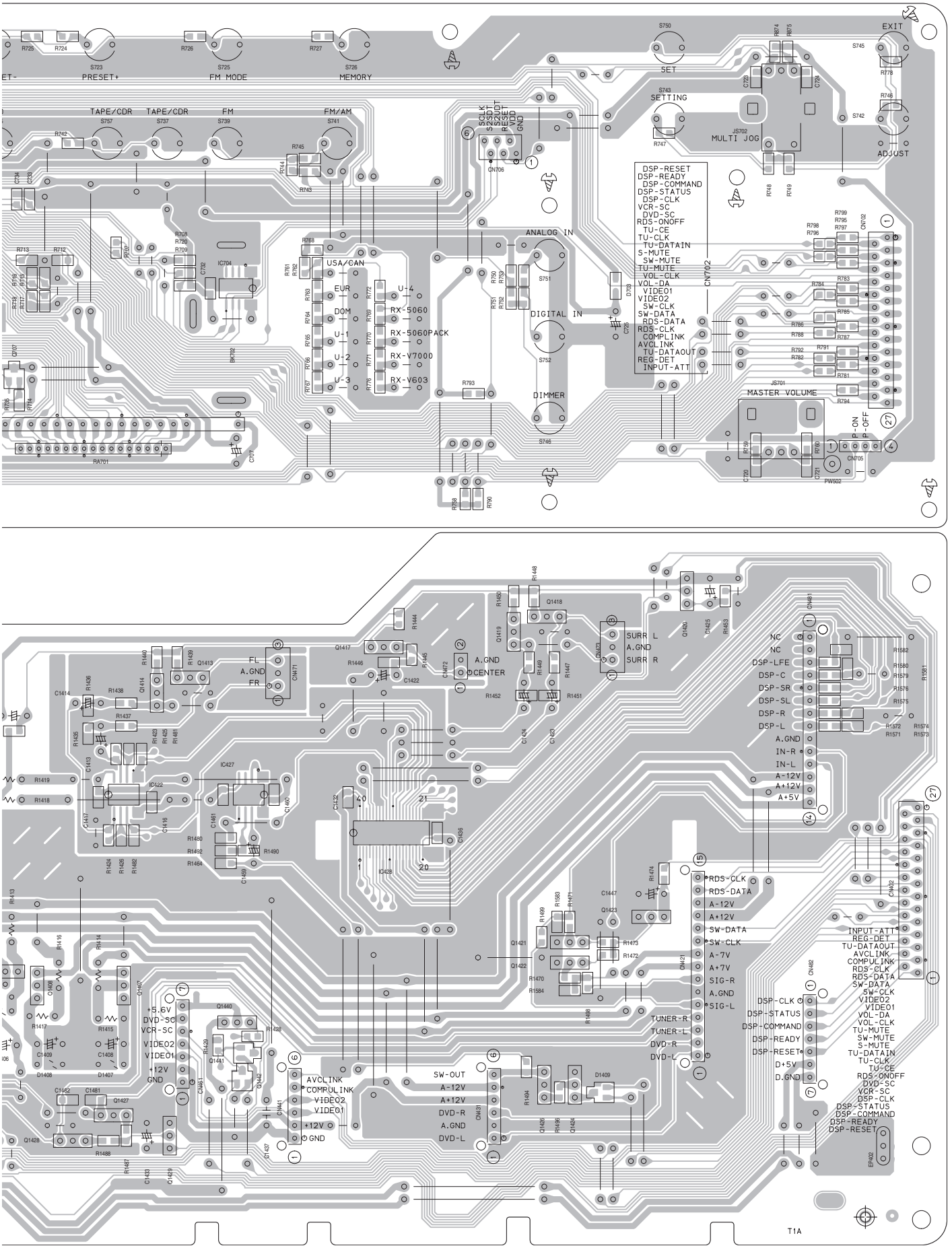
(System control board)



(Front board)



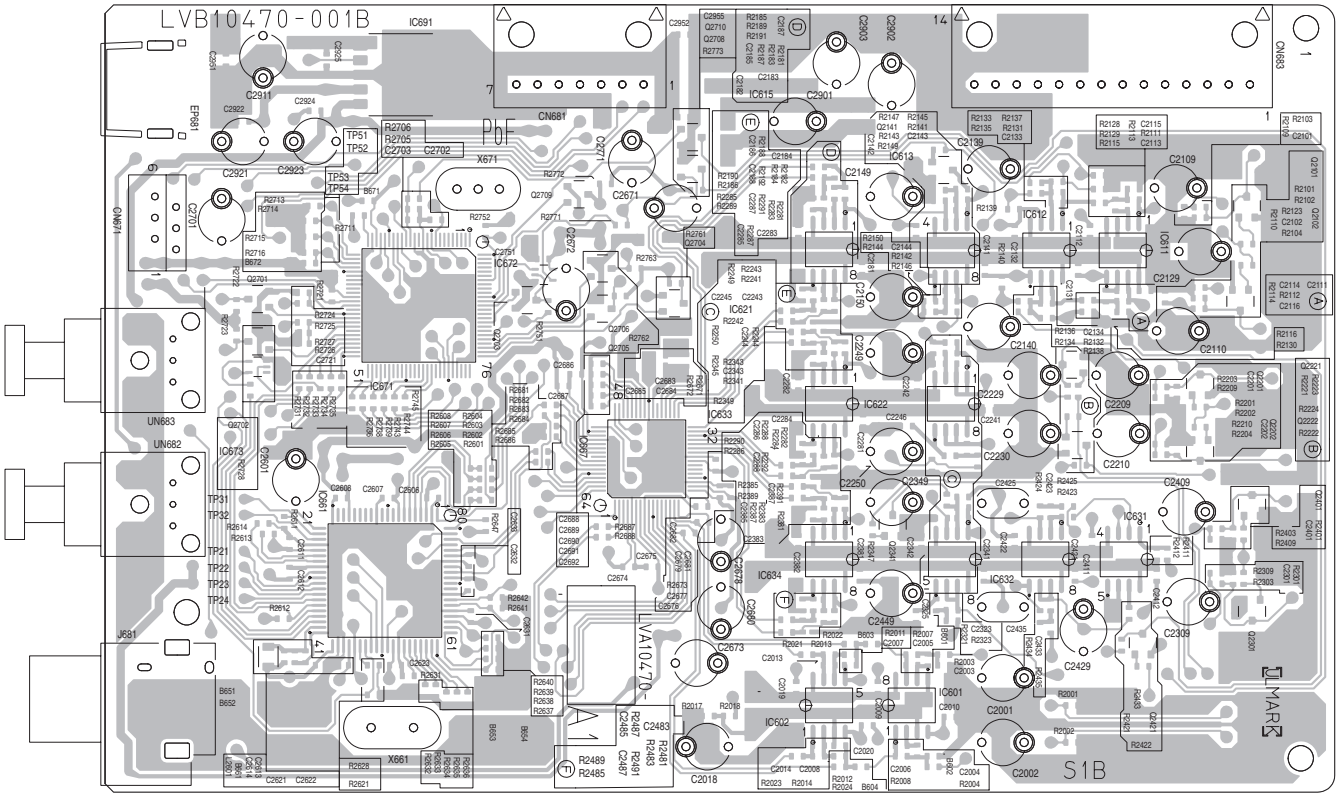
(Power switch board)


PRESET+
FM MODE
MEMORY
SET
SETTING
EXIT
ADJUST
MULTI JOG
TAPE/CDR
TAPE/CDR
FM
FM/AM
USA/CAN
EUR
DOM
U-1
U-2
U-3
U-4
RX-5060
RX-5060PACK
RX-V7000
RX-V603
ANALOG IN
DIGITAL IN
DIMMER
MASTER VOLUME
DSP-RESET
DSP-READY
DSP-COMMAND
DSP-STATUS
DSP-CLK
VCR-SC
DVD-SC
RDS-ONOFF
TU-CE
TU-CLK
TU-DATAIN
S-MUTE
SW-MUTE
TU-MUTE
VOL-CLK
VOL-DA
VIDEO1
VIDEO2
SW-CLK
SW-DATA
RDS-DATA
RDS-CLK
COMPLINK
AVCLINK
TU-DATAOUT
REG-DET
INPUT-ATT
FL
A.GND
FR
A.GND
CENTER
SURR L
A.GND
SURR R
NC
NC
DSP-LFE
DSP-C
DSP-SR
DSP-SL
DSP-R
DSP-L
A.GND
IN-R
IN-L
A-12V
A+12V
A+5V
RDS-CLK
RDS-DATA
A-12V
A+12V
SW-DATA
SW-CLK
A-7V
A+7V
SIG-R
A.GND
SIG-L
TUNER-R
TUNER-L
DVD-R
DVD-L
+5.6V
DVD-SC
VCR-SC
VIDEO2
VIDEO1
+12V
GND
AVCLINK
COMPLINK
VIDEO2
VIDEO1
+12V
GND
SW-OUT
A-12V
A+12V
DVD-R
A.GND
DVD-L
DSP-CLK
DSP-STATUS
DSP-COMMAND
DSP-READY
DSP-RESET
D+5V
D.GND
T1A

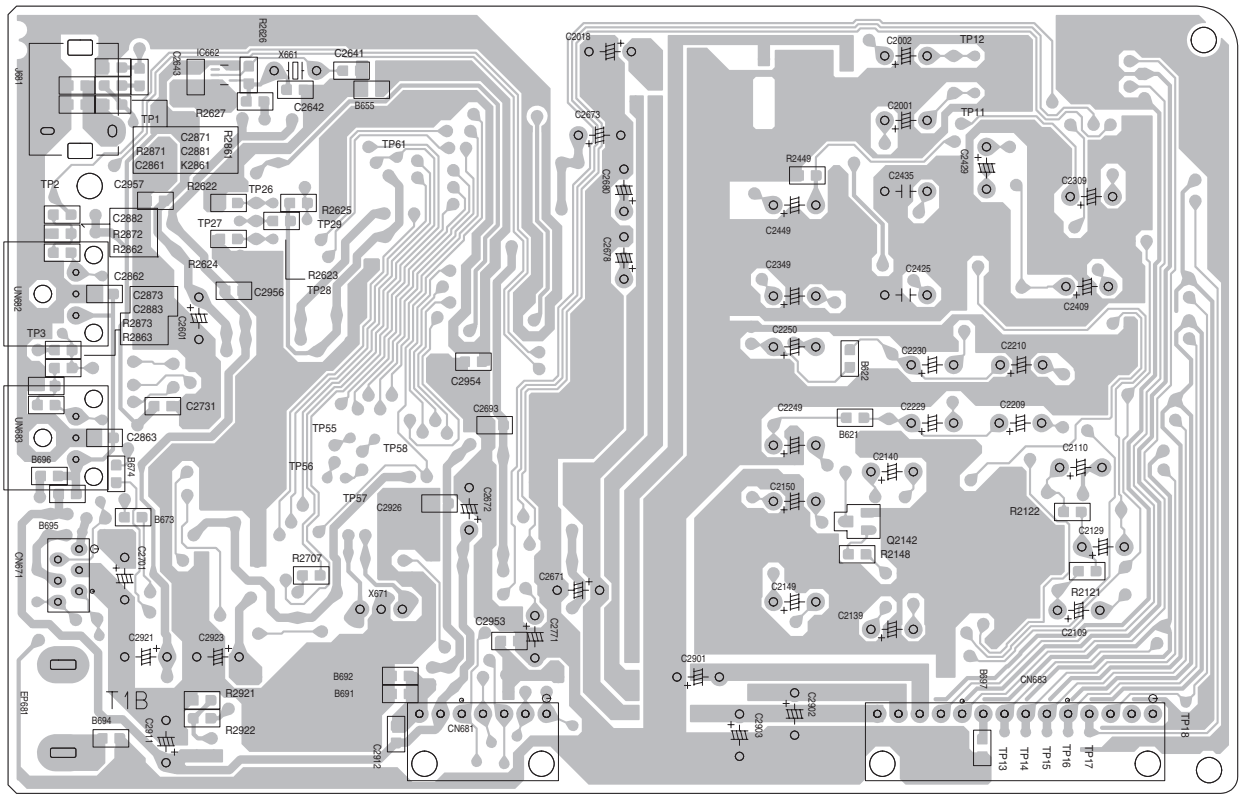
■ DSP board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

forward side



reverse side



< MEMO >

JVC
Victor Company of Japan, Limited
Audio/Video Systems Category 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB504SCH)

Printed in Japan
VPT

PARTS LIST

RX-5060BJ,RX-5060BC,RX-5060BE
RX-5062SB,RX-5062SE,RX-5062SEN,RX-5062SEV

* All printed circuit boards and its assemblies are not available as service parts.

- Contents -

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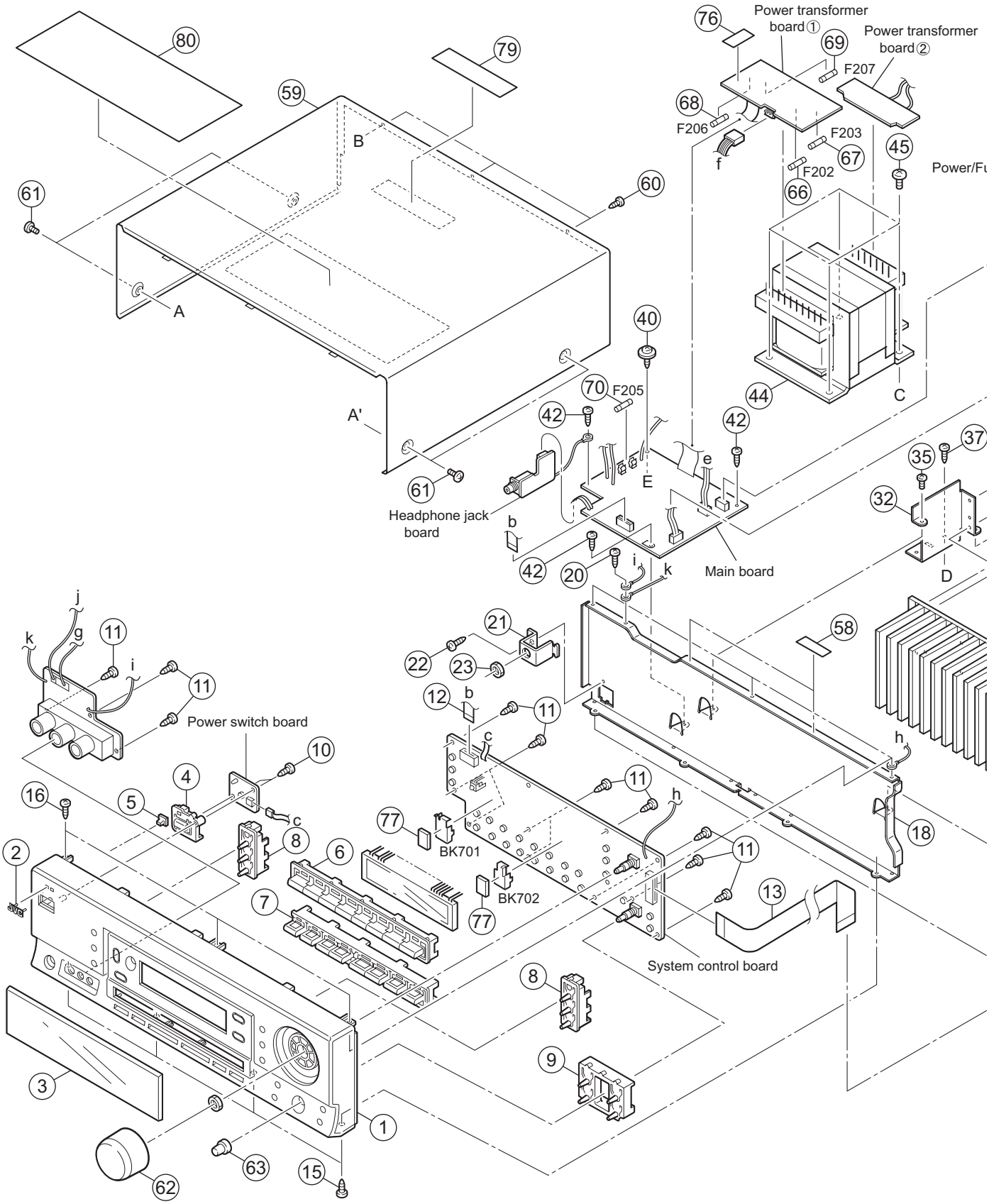
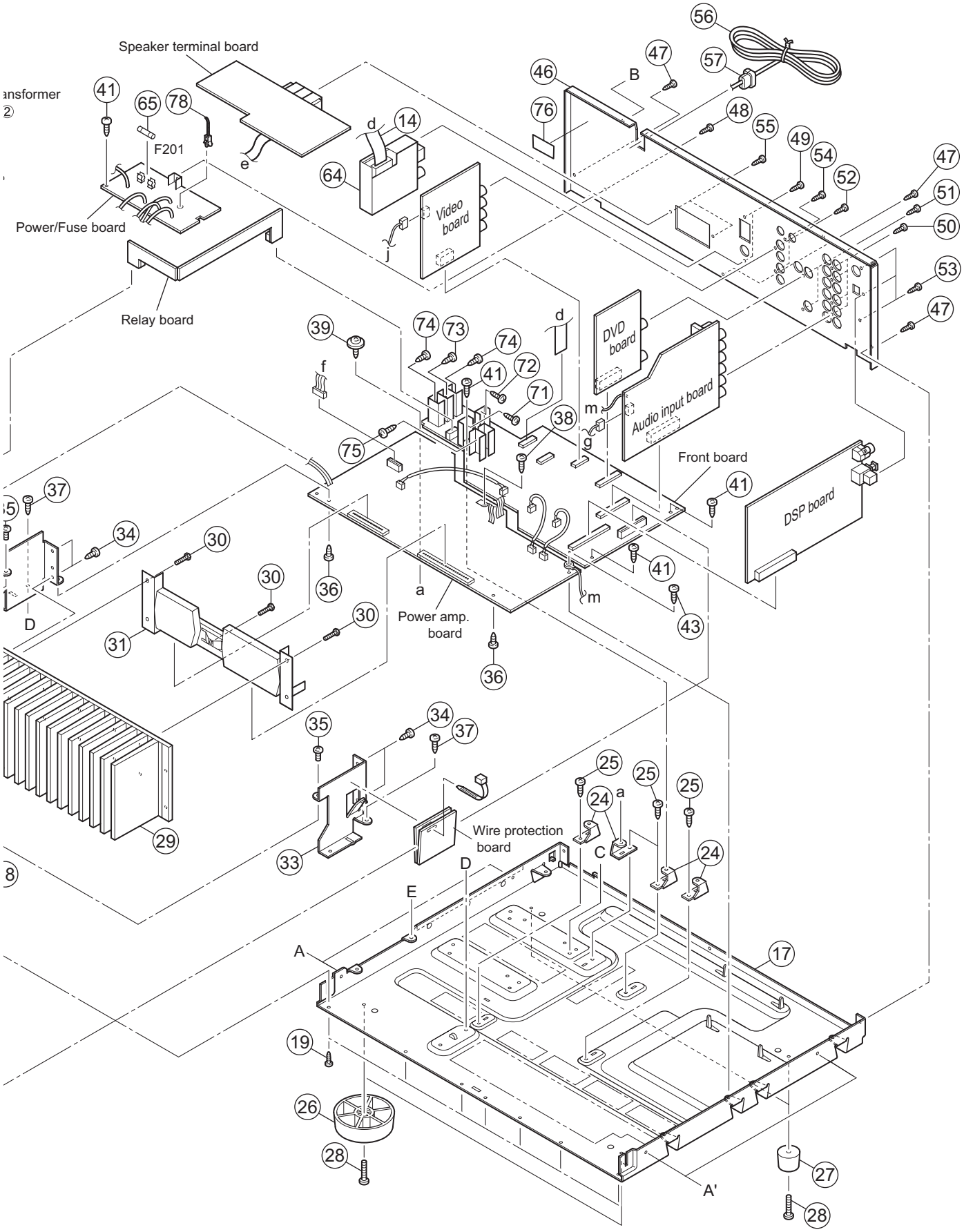
Electrical parts list (Block No.01~04) ---------- 3-6
Packing materials and accessories parts list (Block No.M3) ---------- 3-16

Exploded view of general assembly and parts list

Block No. M 1 M M




Speaker terminal board
Power/Fuse board
F201
Relay board
Video board
DVD board
Audio input board
Front board
DSP board
Power amp. board
Wire protection board

General Assembly

Block No. [M][1][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
	1	LV10756-033A	FRONT PANEL		5060BJ,5060BC
	1	LV10756-034A	FRONT PANEL		5060BE
	1	LV10756-036A	FRONT PANEL		5062SE,5062SB,5062SEN,5062SEV
	2	LV43338-002A	JVC MARK		
	3	LV34003-001A	LENS		
	4	LV34000-003A	PUSH BUTTON(POW		5060BJ,5060BC,5060BE
	4	LV34000-004A	PUSH BUTTON(POW		5062SE,5062SB,5062SEN,5062SEV
	5	LV42096-001A	INDICATOR		
	6	LV21420-003A	PUSH BUTTON		5060BJ,5060BC,5060BE
	6	LV21420-004A	PUSH BUTTON		5062SE,5062SB,5062SEN,5062SEV
	7	LV21421-001A	PUSH BUTTON(FM)		5060BJ,5060BC,5060BE
	7	LV21421-002A	PUSH BUTTON(FM)		5062SE,5062SB,5062SEN,5062SEV
	8	LV34001-001A	3-BUTTON	(x2)	5060BJ,5060BC,5060BE
	8	LV34001-002A	3-BUTTON	(x2)	5062SE,5062SB,5062SEN,5062SEV
	9	LV34002-001A	4-BUTTON		5060BJ,5060BC,5060BE
	9	LV34002-002A	4-BUTTON		5062SE,5062SB,5062SEN,5062SEV
	10	QYSBSF2608ZA	TAP SCREW	M2.6 x 8mm(x2)	
	11	QYSBSF2608ZA	TAP SCREW	M2.6 x 8mm(x12)	
	12	QUQQ12-1215CJ-E	FFC WIRE	12pin 15cm	
	13	QUQQ12-2730CJ-E	FFC WIRE	27pin 30cm	
	14	QUQQ12-1110CJ-E	FFC WIRE	11pin 10cm	5060BJ,5060BC
	14	QUQQ12-1510CJ-E	FFC WIRE	15pin 10cm	5060BE,5062SE,5062SB,5062SEN, 5062SEV
	15	QYSDSG3008ZA	TAP SCREW	M3 x 8mm(x4)	
	16	QYSBSG3008ZA	TAP SCREW	M3 x 8mm(x3)	
	17	LV10873-002A	CHASSIS BASE		
	18	LV10458-004A	FRONT BRACKET		
	19	QYSDSG3008ZA	TAP SCREW	M3 x 8mm(x7)	
	20	QYSDSG3008ZA	TAP SCREW	M3 x 8mm	
	21	LV43304-001A	BKT(PHONES)		
	22	QYSBSG3008ZA	TAP SCREW	M3 x 8mm	
	23	VKZ4150-001	SPECIAL NUT		
	24	E68587-223SM	CB BKT	(x4)	
	25	QYSBST3006ZA	TAP SCREW	M3 x 6mm(x4)	
	26	QZF6018-001	FOOT	60mm x 18mm(x2)	5060BJ,5060BC,5060BE
	26	QZF6018-003	FOOT	60mm x 18mm(x2)	5062SE,5062SB,5062SEN,5062SEV
	27	E47227-036	FOOT	(x2)	
	28	QYSBST3010ZA	TAP SCREW	M3 x 10mm(x4)	
	29	LV20916-003A	HEAT SINK		
	30	QYSBSG3012ZA	TAP SCREW	M3 x 12mm(x3)	
	31	LV34704-001A	PACK BRACKET		
	32	LV34705-001A	H.S BRACKET(L)		
	33	LV34706-001A	H.S BRACKET(R)		
	34	QYSBSG3008ZA	TAP SCREW	M3 x 8mm(x4)	
	35	QYSBST3006ZA	TAP SCREW	M3 x 6mm(x2)	
	36	QYSBSG3008ZA	TAP SCREW	M3 x 8mm(x2)	
	37	QYSBST3006ZA	TAP SCREW	M3 x 6mm(x2)	
	38	QYSBSG3008ZA	TAP SCREW	M3 x 8mm	
	39	E65923-009	TAPPING SCREW		
	40	E65923-009	TAPPING SCREW		
	41	QYSBSG3008ZA	TAP SCREW	M3 x 8mm(x4)	
	42	QYSBSG3008ZA	TAP SCREW	M3 x 8mm(x3)	
	43	QYSBSG3008ZA	TAP SCREW	M3 x 8mm	
⚠	44	QQT0518-001	POWER TRANSF		5060BJ,5060BC
⚠	44	QQT0518-002	POWER TRANSF		5060BE,5062SE,5062SB,5062SEN ,5062SEV
	45	QYSDSTL4008ZA	TAP SCREW	M4 x 8mm(x4)	
	46	LV20915-0B5A	REAR PANEL		5060BJ,5060BC
	46	LV20915-0B6A	REAR PANEL		5060BE
	46	LV20915-0B7A	REAR PANEL		5062SE,5062SB,5062SEN
	46	LV20915-0B8A	REAR PANEL		5062SEV
	47	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x3)	
	48	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	49	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x2)	
	50	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x4)	
	51	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x2)	
	52	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x2)	
	53	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x3)	
	54	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	5060BJ,5060BC
	55	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x2)	
⚠	56	QMPD420-200-JV	POWER CORD(US/CA)	2m BLACK	5060BJ,5060BC
⚠	56	QMPK250-205-JV	POWER CORD(US/CA)	2.05m BLACK	5060BE,5062SE,5062SEN,5062SEV
⚠	56	QMPN100-200-JD	POWER CORD(US/CA)	2m BLACK	5062SB
⚠	57	QZW0033-001	STRAIN RELIEF		

⚠	Symbol No.	Part No.	Part Name	Description	Local
	58	LV30225-0H3A	SPACER	(x2)	
	59	LV21649-005A	TOP COVER		5060BJ,5060BC,5060BE
	59	LV21649-006A	TOP COVER		5062SE,5062SB,5062SEN,5062SEV
	60	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x3)	
	61	E406308-006	SPECIAL SCREW	(x4)	5060BJ,5060BC,5060BE
	61	E406308-007	SPECIAL SCREW	(x4)	5062SE,5062SB,5062SEN,5062SEV
	62	LV43463-001A	VOL KNOB ASSY		5060BJ,5060BC,5060BE
	62	LV43463-002A	VOL KNO ASSY		5062SE,5062SB,5062SEN,5062SEV
	63	LV43458-001A	JOG KNOB ASSY		5060BJ,5060BC,5060BE
	63	LV43458-002A	JOG KNOB ASSY		5062SE,5062SB,5062SEN,5062SEV
	64	QAU0412-001	TUNER		5060BJ,5060BC
	64	QAU0413-001	TUNER		5060BE,5062SE,5062SB,5062SEN, 5062SEV
⚠	65	QMF51U1-5R0-J8	FUSE	5A AC125V	5060BJ,5060BC
⚠	65	QMF51W2-1R6-J8	FUSE	1.6A AC250V	5060BE,5062SE,5062SB,5062SEN, 5062SEV
⚠	66	QMF51U1-2R0-J8	FUSE	2A AC125V	5060BJ,5060BC
⚠	66	QMF51W2-2R0-J8	FUSE	2A AC250V	5060BE,5062SE,5062SB,5062SEN, 5062SEV
⚠	67	QMF51U1-2R0-J8	FUSE	2A AC125V	5060BJ,5060BC
⚠	67	QMF51W2-2R0-J8	FUSE	2A AC250V	5060BE,5062SE,5062SB,5062SEN, 5062SEV
⚠	68	QMF51U1-5R0-J8	FUSE	5A AC125V	5060BJ,5060BC
⚠	68	QMF51W2-5R0-J8	FUSE	5A AC250V	5060BE,5062SE,5062SB,5062SEN, 5062SEV
⚠	69	QMF51U1-5R0-J8	FUSE	5A AC125V	5060BJ,5060BC
⚠	69	QMF51W2-5R0-J8	FUSE	5A AC250V	5060BE,5062SE,5062SB,5062SEN, 5062SEV
⚠	70	QMF5AE2-R10-J1	FUSE	0.1A AC250V	5060BE,5062SE,5062SB,5062SEN, 5062SEV
	71	QYSBSG3008EA	TAP SCREW	M3 x 8mm	
	72	QYSBSG3008EA	TAP SCREW	M3 x 8mm	
	73	QYSBSG3008EA	TAP SCREW	M3 x 8mm	
	74	QYSBSG3008EA	TAP SCREW	M3 x 8mm(x2)	
	75	QYSBSG3008EA	TAP SCREW	M3 x 8mm	
	76	LV42388-001A	FUSE CAUTION	(x2)	5060BJ,5060BC
	77	LV30225-0S7A	SPACER	(x2)	
	78	E307572-001	FASTENER		5060BE,5062SE,5062SB,5062SEN, 5062SEV
	79	E409396-003	CAUTION LABEL		
	80	LV30077-004A	PROTECT SHEET		5060BE
	80	LV30077-006A	PROTECT SHEET		5062SE,5062SB,5062SEN,5062SEV

Electrical parts list

Main board

Block No. [0][1]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW903	QUB220-19DMHP-E	SIN TWIST WIRE		
IC501	NJM2246D	IC		
Q202	KRC105M-T	DIGI TRANSISTOR		
⚠ Q203	KTC3203/OY/-T	TRANSISTOR		
Q205	KTC3200/GL/-T	TRANSISTOR		
Q206	KRC105M-T	DIGI TRANSISTOR		
Q208	KRC105M-T	DIGI TRANSISTOR		
Q209	KRC105M-T	DIGI TRANSISTOR		
Q210	KRC105M-T	DIGI TRANSISTOR		
Q502	KTC3199/GL/-T	TRANSISTOR		
Q503	KRC101M-T	TRANSISTOR		
Q505	KTC3199/GL/-T	TRANSISTOR		
⚠ D201	PG4003-F21	DIODE		
⚠ D202	1A3G-T1	SI DIODE		
⚠ D203	PG4003-F21	DIODE		
⚠ D204	1A3G-T1	SI DIODE		
⚠ D206	1A3G-T1	SI DIODE		
⚠ D207	1A3G-T1	SI DIODE		
⚠ D208	1A3G-T1	SI DIODE		
⚠ D209	1A3G-T1	SI DIODE		
D210	1SS133-T2	DIODE		
D211	MTZJ6.8C-T2	Z DIODE I/M		
D212	1A3G-T1	SI DIODE		
D217	MTZJ8.2C-T2	Z DIODE		
D218	1SS133-T2	DIODE		
D219	1A3G-T1	SI DIODE		
D220	1A3G-T1	SI DIODE		
D221	1SS133-T2	DIODE		
C201	QFLC2AJ-104Z	M CAPACITOR	0.1uF 100V J	
C202	QFLC2AJ-104Z	M CAPACITOR	0.1uF 100V J	
C203	QFLC2AJ-104Z	M CAPACITOR	0.1uF 100V J	
C204	QETM1VM-228	E CAPACITOR	2200uF 35V M	
C205	QETM1VM-108	E CAPACITOR	1000uF 35V M	
C206	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C207	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C208	QFLC2AJ-472Z	M CAPACITOR	4700pF 100V J	
C209	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
⚠ C210	QCZ9104-472	C CAPACITOR	4700pF	
C212	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C213	QETN0JM-228Z	E CAPACITOR	2200uF 6.3V M	
C218	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C221	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C501	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C503	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C505	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C506	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C508	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C511	QETN1CM-227Z	E CAPACITOR	220uF 16V M	
C512	QCBB1HK-223Y	C CAPACITOR	0.022uF 50V K	
C513	QCSB1HJ-390Y	C CAPACITOR	39pF 50V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C514	QCSB1HJ-390Y	C CAPACITOR	39pF 50V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C515	QCSB1HJ-390Y	C CAPACITOR	39pF 50V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C521	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	5060BJ, 5060BC
C522	QCZ0202-155Z	C CAPACITOR	1.5uF 25V Z	5060BJ, 5060BC
C901	QCSB1HJ-470Y	C CAPACITOR	47pF 50V J	
C903	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
C904	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
C905	QCFB1HZ-104Y	C CAPACITOR	0.1uF 50V Z	
⚠ R1	QRZ9037-335	COMP RESISTOR	3.3MΩ 1/2W K	5060BJ, 5060BC
⚠ R201	QRJ146J-4R7X	UNF C RESISTOR	4.7Ω 1/4W J	
⚠ R204	QRJ146J-821X	UNF C RESISTOR	820Ω 1/4W J	
⚠ R208	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
R209	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
⚠ R210	QRK126J-121X	UNF C RESISTOR	120Ω 1/2W J	
⚠ R221	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
R501	QRE141J-331Y	C RESISTOR	330Ω 1/4W J	
R502	QRE141J-750Y	C RESISTOR	75Ω 1/4W J	
R505	QRE141J-750Y	C RESISTOR	75Ω 1/4W J	
R506	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R507	QRE141J-331Y	C RESISTOR	330Ω 1/4W J	
R508	QRE141J-750Y	C RESISTOR	75Ω 1/4W J	
R509	QRE141J-750Y	C RESISTOR	75Ω 1/4W J	
R510	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R511	QRE141J-331Y	C RESISTOR	330Ω 1/4W J	
R512	QRE141J-131Y	C RESISTOR	130Ω 1/4W J	
R513	QRE141J-751Y	C RESISTOR	750Ω 1/4W J	
R515	QRE141J-131Y	C RESISTOR	130Ω 1/4W J	
R521	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	5060BJ, 5060BC
R522	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	5060BJ, 5060BC
R901	QRE141J-750Y	C RESISTOR	75Ω 1/4W J	
R903	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R903	QRE141J-561Y	C RESISTOR	560Ω 1/4W J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
R904	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R904	QRE141J-561Y	C RESISTOR	560Ω 1/4W J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
L901	QQL244K-100Z	COIL	10uH K	
⚠ T202	QQT0478-001	POWER TRANSF		5060BJ, 5060BC
⚠ T202	QQT0478-002	POWER TRANSF		5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
CN203	QGD2504C1-04Z	CONNECTOR	(1-4)	
CN241	QGD2504C1-05Z	CONNECTOR	(1-5)	
CN251	QGA3901F2-05	CONNECTOR	W-B (1-5)	
CN291	QGB2510J1-04	CONNECTOR	B-B (1-4)	
CN292	QGB2510K1-04	CONNECTOR	B-B (1-4)	
CN492	QGB2510K1-04	CONNECTOR	B-B (1-4)	
CN501	QGB2510K1-06	CONNECTOR	B-B (1-6)	
CN504	QGA2501F1-02	CONNECTOR	W-B (1-2)	
CN904	WJP0080-001A-E	SIN TWIST WIRE		
EP1	E409182-001SM	GRAND TERMINAL		
EP201	QNZ0136-001Z	IM EARTH PLATE		
FC211	QNG0020-001Z	FUSE CLIP I.M		
FC212	QNG0020-001Z	FUSE CLIP I.M		
FC221	QNG0020-001Z	FUSE CLIP I.M		
FC222	QNG0020-001Z	FUSE CLIP I.M		
FC231	QNG0020-001Z	FUSE CLIP I.M		
FC232	QNG0020-001Z	FUSE CLIP I.M		
FC251	QNG0020-001Z	FUSE CLIP I.M		5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
FC252	QNG0020-001Z	FUSE CLIP I.M		5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
FC261	QNG0020-001Z	FUSE CLIP I.M		
FC262	QNG0020-001Z	FUSE CLIP I.M		
FC271	QNG0020-001Z	FUSE CLIP I.M		

⚠ Symbol No.	Part No.	Part Name	Description	Local
FC272	QNG0020-001Z	FUSE CLIP I.M		
FW201	QUM215-14Z3Z3-E	PARA RIBON WIRE		
FW251	QUM213-08DGZ3-E	PARA RIBON WIRE		
J501	QNN0011-001	PIN JACK		
J502	QNN0011-001	PIN JACK		
J521	QNS0089-001	3.5 JACK		5060BJ, 5060BC
J901	QNN0772-001	PINJACK		
K901	QQR1183-001Z	FERRITE BEADS		5060BJ, 5060BC
⚠ RY202	QSK0128-001	RELAY		
⚠ RY203	QSK0127-001	RELAY		
TA201	QNZ0079-001Z	TAB I.M		
TA202	QNZ0079-001Z	TAB I.M		

Amplifier board

Block No. [0][2]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW401	QUB220-12DMHP-E	SIN TWIST WIRE		
⚠ IC101	STK412-400	IC		
⚠ IC102	STK413-400	IC		
IC402	BD3841FS-X	IC		
Q1131	KTC3200/GL/-T	TRANSISTOR		
Q1132	KTC3200/GL/-T	TRANSISTOR		
Q1171	KTC3200/GL/-T	TRANSISTOR		
Q1172	KTA1268/GL/-T	TRANSISTOR		
Q1173	KTC3199/GL/-T	TRANSISTOR		
⚠ Q1175	KTA1046/Y/	TRANSISTOR *		
Q1185	KTA1268/GL/-T	TRANSISTOR		
Q1231	KTC3200/GL/-T	TRANSISTOR		
Q1232	KTC3200/GL/-T	TRANSISTOR		
Q1261	KTC3200/GL/-T	TRANSISTOR		
⚠ D1101	UF304G-F82	DIODE		
⚠ D1102	UF304G-F82	DIODE		
⚠ D1103	UF304G-F82	DIODE		
⚠ D1104	UF304G-F82	DIODE		
⚠ D1105	UF304G-F82	DIODE		
⚠ D1106	UF304G-F82	DIODE		
⚠ D1107	UF304G-F82	DIODE		
⚠ D1108	UF304G-F82	DIODE		
D1121	MTZJ15C-T2	Z DIODE		
D1122	MTZJ15C-T2	Z DIODE		
D1129	1SS133-T2	DIODE		
D1130	1SS133-T2	DIODE		
D1141	MTZJ36C-T2	Z DIODE		
D1171	1SS133-T2	DIODE		
D1221	MTZJ15C-T2	Z DIODE		
D1222	MTZJ15C-T2	Z DIODE		
D1229	1SS133-T2	DIODE		
D1230	1SS133-T2	DIODE		
D1261	1SS133-T2	DIODE		
D1352	1SS133-T2	DIODE		
D1353	1SS133-T2	DIODE		
D1354	1SS133-T2	DIODE		
C101	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	5060BJ, 5060BC
C101	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C102	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	5060BJ, 5060BC
C102	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C418	QCBB1HK-561Y	C CAPACITOR	560pF 50V K	
C419	QCBB1HK-223Y	C CAPACITOR	0.022uF 50V K	
C420	QCBB1HK-223Y	C CAPACITOR	0.022uF 50V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C421	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C422	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C423	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C424	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C425	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C426	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C427	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C428	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C429	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C430	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C431	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C432	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C433	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C434	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C435	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C436	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C437	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
C438	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
C443	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C444	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C451	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C452	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C460	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
C1101	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J	
C1102	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J	
C1103	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1104	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1105	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
C1106	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
C1107	QCSB1HK-3R3Y	C CAPACITOR	3.3pF 50V K	
C1108	QCSB1HK-3R3Y	C CAPACITOR	3.3pF 50V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C1111	QEZ0806-688	E CAPACITOR	6800uF	
C1112	QEZ0806-688	E CAPACITOR	6800uF	
C1113	QEZ0805-478	E CAPACITER	4700uF	
C1114	QEZ0805-478	E CAPACITER	4700uF	
C1115	QFZ9076-104Z	MM CAPACITOR	0.1uF	
C1116	QFZ9076-104Z	MM CAPACITOR	0.1uF	
C1117	QFZ9076-104Z	MM CAPACITOR	0.1uF	
C1118	QFZ9076-104Z	MM CAPACITOR	0.1uF	
C1119	QFZ9076-104Z	MM CAPACITOR	0.1uF	
C1120	QFZ9076-104Z	MM CAPACITOR	0.1uF	
C1121	QETN2AM-107Z	E CAPACITOR	100uF 100V M	
C1122	QETN2AM-107Z	E CAPACITOR	100uF 100V M	
C1123	QCBB1HJ-101Y	C CAPACITOR	100pF 50V J	
C1124	QCBB1HJ-101Y	C CAPACITOR	100pF 50V J	
C1141	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C1142	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C1143	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C1144	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C1171	QEKC1EM-106Z	E CAPACITOR	10uF 25V M	
C1172	QEKC1CM-476Z	E CAPACITOR	47uF 16V M	
C1185	QETN2AM-106Z	E CAPACITOR	10uF 100V M	
C1191	QETN1HM-476Z	E CAPACITOR	47uF 50V M	
C1201	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J	
C1202	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J	
C1203	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1204	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1205	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1206	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1207	QCSB1HK-3R3Y	C CAPACITOR	3.3pF 50V K	
C1208	QCSB1HK-3R3Y	C CAPACITOR	3.3pF 50V K	
C1221	QETN2AM-107Z	E CAPACITOR	100uF 100V M	
C1222	QETN2AM-107Z	E CAPACITOR	100uF 100V M	
C1223	QCBB1HJ-101Y	C CAPACITOR	100pF 50V J	
C1224	QCBB1HJ-101Y	C CAPACITOR	100pF 50V J	
C1241	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C1242	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C1243	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C1244	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C1261	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J	
C1262	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M	
C1263	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1264	QCSB1HK-3R3Y	C CAPACITOR	3.3pF 50V K	
C1265	QCBB1HJ-101Y	C CAPACITOR	100pF 50V J	
C1266	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C1267	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C1268	QCBB1HK-223Y	C CAPACITOR	0.022uF 50V K	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1333	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
C1359	QCS32HJ-221Z	C CAPACITOR	220pF 500V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1360	QCS32HJ-221Z	C CAPACITOR	220pF 500V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1361	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1362	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1363	QCS32HJ-221Z	C CAPACITOR	220pF 500V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1364	QCS32HJ-221Z	C CAPACITOR	220pF 500V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1365	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1366	QCS32HJ-221Z	C CAPACITOR	220pF 500V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1368	QCS32HJ-221Z	C CAPACITOR	220pF 500V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1369	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1370	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1371	QCS32HJ-221Z	C CAPACITOR	220pF 500V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1372	QCS32HJ-221Z	C CAPACITOR	220pF 500V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1373	QCS32HJ-221Z	C CAPACITOR	220pF 500V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1374	QCS32HJ-221Z	C CAPACITOR	220pF 500V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1375	QCS32HJ-221Z	C CAPACITOR	220pF 500V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1376	QCS32HJ-221Z	C CAPACITOR	220pF 500V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1377	QCS32HJ-221Z	C CAPACITOR	220pF 500V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C1378	QCS32HJ-221Z	C CAPACITOR	220pF 500V J	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
R101	QRL027J-471	OMF RESISTOR	470Ω 2W J	
R102	QRL027J-471	OMF RESISTOR	470Ω 2W J	
R421	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R422	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R423	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R424	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R425	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R426	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R429	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R430	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R431	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R432	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R435	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R436	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R440	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R441	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R445	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R446	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R447	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
R448	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
R451	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R452	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R471	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R472	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R473	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R474	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R475	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R476	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R477	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R478	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R479	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R480	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R481	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R482	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R1101	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1102	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1103	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R1104	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
⚠ R1105	QRJ146J-751X	UNF C RESISTOR	750Ω 1/4W J	
⚠ R1106	QRJ146J-751X	UNF C RESISTOR	750Ω 1/4W J	
R1107	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R1108	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R1109	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J	
⚠ R1121	QRJ146J-471X	UNF C RESISTOR	470Ω 1/4W J	
⚠ R1122	QRJ146J-471X	UNF C RESISTOR	470Ω 1/4W J	
⚠ R1123	QRL017J-152	OMF RESISTOR	1.5kΩ 1W J	
⚠ R1124	QRL017J-152	OMF RESISTOR	1.5kΩ 1W J	
⚠ R1125	QRZ0224-R22	EMIT.RESISTOR	0.22Ω	
⚠ R1126	QRZ0224-R22	EMIT.RESISTOR	0.22Ω	
R1127	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1128	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1129	QRE141J-183Y	C RESISTOR	18kΩ 1/4W J	
R1130	QRE141J-183Y	C RESISTOR	18kΩ 1/4W J	
R1131	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R1132	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
⚠ R1133	QRJ146J-101X	UNF C RESISTOR	100Ω 1/4W J	
⚠ R1134	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠ R1135	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠ R1136	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠ R1137	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
R1141	QRJ146J-330X	UNF C RESISTOR	33Ω 1/4W J	
R1142	QRJ146J-330X	UNF C RESISTOR	33Ω 1/4W J	
⚠ R1143	QRL027J-100	OMF RESISTOR	10Ω 2W J	
⚠ R1144	QRL027J-100	OMF RESISTOR	10Ω 2W J	
R1171	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R1172	QRE141J-823Y	C RESISTOR	82kΩ 1/4W J	
R1173	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R1174	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R1175	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R1176	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R1177	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R1178	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R1179	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R1185	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R1186	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
⚠ R1191	QRZ9005-680X	F.RES. I.M	68Ω	
⚠ R1192	QRJ146J-562X	UNF C RESISTOR	5.6kΩ 1/4W J	
R1201	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1202	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1203	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R1204	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
⚠ R1205	QRJ146J-751X	UNF C RESISTOR	750Ω 1/4W J	
⚠ R1206	QRJ146J-751X	UNF C RESISTOR	750Ω 1/4W J	
R1207	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R1208	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R1209	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J	
R1210	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
⚠ R1221	QRJ146J-471X	UNF C RESISTOR	470Ω 1/4W J	
⚠ R1222	QRJ146J-471X	UNF C RESISTOR	470Ω 1/4W J	
⚠ R1223	QRL017J-152	OMF RESISTOR	1.5kΩ 1W J	
⚠ R1224	QRL017J-152	OMF RESISTOR	1.5kΩ 1W J	
⚠ R1225	QRZ0224-R22	EMIT.RESISTOR	0.22Ω	
⚠ R1226	QRZ0224-R22	EMIT.RESISTOR	0.22Ω	
R1227	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1228	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1229	QRE141J-183Y	C RESISTOR	18kΩ 1/4W J	
R1230	QRE141J-183Y	C RESISTOR	18kΩ 1/4W J	
R1231	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R1232	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
⚠ R1233	QRJ146J-101X	UNF C RESISTOR	100Ω 1/4W J	
⚠ R1234	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠ R1235	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠ R1236	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
⚠ R1237	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
R1241	QRJ146J-330X	UNF C RESISTOR	33Ω 1/4W J	
R1242	QRJ146J-330X	UNF C RESISTOR	33Ω 1/4W J	
⚠ R1243	QRL027J-100	OMF RESISTOR	10Ω 2W J	
⚠ R1244	QRL027J-100	OMF RESISTOR	10Ω 2W J	
R1261	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1262	QRE141J-623Y	C RESISTOR	62kΩ 1/4W J	
⚠ R1263	QRJ146J-301X	UNF C RESISTOR	300Ω 1/4W J	
R1264	QRE141J-623Y	C RESISTOR	62kΩ 1/4W J	
⚠ R1265	QRZ0224-R22	EMIT.RESISTOR	0.22Ω	
R1266	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1267	QRE141J-183Y	C RESISTOR	18kΩ 1/4W J	
R1268	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R1269	QRJ146J-330X	UNF C RESISTOR	33Ω 1/4W J	
⚠ R1270	QRL027J-100	OMF RESISTOR	10Ω 2W J	
⚠ R1352	QRK126J-121X	UNF C RESISTOR	120Ω 1/2W J	
⚠ R1353	QRK126J-121X	UNF C RESISTOR	120Ω 1/2W J	
⚠ R1354	QRK126J-121X	UNF C RESISTOR	120Ω 1/2W J	
⚠ R1370	QRJ146J-3R9X	UNF C RESISTOR	3.9Ω 1/4W J	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
⚠ R1371	QRJ146J-3R9X	UNF C RESISTOR	3.9Ω 1/4W J	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
⚠ R1372	QRJ146J-3R9X	UNF C RESISTOR	3.9Ω 1/4W J	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
⚠ R1373	QRJ146J-3R9X	UNF C RESISTOR	3.9Ω 1/4W J	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
⚠ R1374	QRJ146J-3R9X	UNF C RESISTOR	3.9Ω 1/4W J	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
L1141	QQLZ005-R45	COIL	0.45uH	
L1142	QQLZ005-R45	COIL	0.45uH	
L1241	QQLZ005-R45	COIL	0.45uH	
L1242	QQLZ005-R45	COIL	0.45uH	
L1269	QQLZ005-R45	COIL	0.45uH	
L1351	QQLZ005-R45	COIL	0.45uH	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
L1352	QQLZ005-R45	COIL	0.45uH	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
L1353	QQLZ005-R45	COIL	0.45uH	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
L1354	QQLZ005-R45	COIL	0.45uH	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
L1355	QQLZ005-R45	COIL	0.45uH	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
CN101	QGD2504C1-03Z	CONNECTOR	(1-3)	
CN151	QJK012-051900-E	WIRE		
CN171	QJP001-031801-E	SHI CR C-B WIRE		
CN272	QJP002-021201-E	SHI CR C-B WIRE		
CN273	QJP001-031001-E	SHI CR C-B WIRE		
CN401	QGB2510K1-15	CONNECTOR	B-B (1-15)	
CN404	QGA2501F1-03	CONNECTOR	W-B (1-3)	
CN451	QGB2510K1-06	CONNECTOR	B-B (1-6)	
EP101	QNZ0136-001Z	IM EARTH PLATE		
FW141	QUM215-16DGZ3-E	WIRE		

⚠ Symbol No.	Part No.	Part Name	Description	Local
FW301	QUM215-26Z3Z3-E	PARA RIBON WIRE		
FW302	QUM216-26Z3Z3-E	PARA RIBON WIRE		
FW303	QUM214-26DGZ3-E	PARA RIBON WIRE		
J101	QNS0249-001	JACK		
J402	QNN0478-001	PIN JACK		
J403	QNN0478-001	PIN JACK		
J404	QNN0389-001	PIN JACK		
J406	QNN0480-001	PIN JACK		
⚠ RY302	QSK0127-001	RELAY		
⚠ RY303	QSK0127-001	RELAY		
⚠ RY304	QSK0127-001	RELAY		
ST301	QNB0188-001	SPEAKER TERMINA		
TW301	QUB230-05DMZ4-E	SIN TWIST WIRE		

Front board

Block No. [0][3]

⚠ Symbol No.	Part No.	Part Name	Description	Local
PW502	QUB220-12DMHP-E	SIN TWIST WIRE		5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
IC422	NJM4565M-WE	IC		
IC427	NJM4565M-WE	IC		
IC428	BD3814FV-X	IC		
IC701	MN101C88GPA	IC		5060BJ, 5060BC
IC701	MN101C88GPC	IC		5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
IC702	IC-PST9139-T	IC		
IC703	GP1UM281XKVF	IR DETECT UNIT		
IC704	BR24L02F-W-X	IC		
Q701	KRC107S-X	DIGI TRANSISTOR		
Q702	KRC111S-X	TRANSISTOR		5060BJ, 5060BC
Q703	KRC109S-X	TRANSISTOR		5060BJ, 5060BC
Q707	KRC107S-X	DIGI TRANSISTOR		
Q708	KRC107S-X	DIGI TRANSISTOR		
Q709	KRC107S-X	DIGI TRANSISTOR		
Q711	KRA104S-X	DIGI TRANSISTOR		
⚠ Q1401	KTA1046/Y/	TRANSISTOR *		
⚠ Q1402	2SD2394/EF/	TRANSISTOR		
⚠ Q1403	2SD2394/EF/	TRANSISTOR		
⚠ Q1404	2SD2394/EF/	TRANSISTOR		
⚠ Q1407	KTC3203/OY/-T	TRANSISTOR		
⚠ Q1408	KTA1271/OY/-T	TRANSISTOR		
Q1413	2SC3576-JVC-T	TRANSISTOR		
Q1414	2SC3576-JVC-T	TRANSISTOR		
Q1417	2SC3576-JVC-T	TRANSISTOR		
Q1418	2SC3576-JVC-T	TRANSISTOR		
Q1419	2SC3576-JVC-T	TRANSISTOR		
Q1420	KRA104M-T	DIGI TRANSISTOR		
Q1421	2SC3576-JVC-T	TRANSISTOR		
Q1422	2SC3576-JVC-T	TRANSISTOR		
Q1423	KRA104M-T	DIGI TRANSISTOR		
Q1424	KRA104M-T	DIGI TRANSISTOR		
Q1426	2SC3576-JVC-T	TRANSISTOR		
Q1427	2SC3576-JVC-T	TRANSISTOR		
Q1428	2SC3576-JVC-T	TRANSISTOR		
Q1429	KRA104M-T	DIGI TRANSISTOR		
⚠ Q1434	2SD2394/EF/	TRANSISTOR		
⚠ Q1435	2SD2394/EF/	TRANSISTOR		
D701	1SS355W-X	SI DIODE		
D703	1SS355W-X	SI DIODE		
D704	1SS355W-X	SI DIODE		
D719	SLR-343VC/NPQ-T	LED		
D1401	MTZJ11A-T2	Z DIODE		
D1402	MTZJ6.2C-T2	Z DIODE		
D1403	MTZJ5.6B-T2	Z DIODE		
D1404	MTZJ5.6C-T2	Z DIODE		
D1405	MTZJ11A-T2	Z DIODE		
D1407	MTZJ7.5C-T2	Z DIODE		
D1408	MTZJ7.5C-T2	Z DIODE		
D1409	MA152WK-X	SI DIODE		
D1411	1SS355W-X	SI DIODE		5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
D1412	1SS355W-X	SI DIODE		
D1413	1SS355W-X	SI DIODE		
D1414	1SS355W-X	SI DIODE		
D1415	1SS355W-X	SI DIODE		
C701	QEKC0JM-107Z	E CAPACITOR	100uF 6.3V M	
C702	QCZ0202-155Z	C CAPACITOR	1.5uF 25V Z	
C703	QEKC1HM-225Z	E CAPACITOR	2.2uF 50V M	
C704	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C705	QEKC0JM-107Z	E CAPACITOR	100uF 6.3V M	
C706	NCB21HK-331X	C CAPACITOR	330pF 50V K	5060BJ, 5060BC
C707	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C708	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C709	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C710	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C713	NCB21HK-103X	C CAPACITOR	0.01uF 50V K	
C714	NCB21HK-103X	C CAPACITOR	0.01uF 50V K	
C715	NCB21HK-103X	C CAPACITOR	0.01uF 50V K	
C716	NCB21HK-103X	C CAPACITOR	0.01uF 50V K	
C717	NCB21HK-103X	C CAPACITOR	0.01uF 50V K	
C718	NCB21HK-103X	C CAPACITOR	0.01uF 50V K	
C719	NCB21HK-103X	C CAPACITOR	0.01uF 50V K	
C720	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C721	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C722	QCZ0202-155Z	C CAPACITOR	1.5uF 25V Z	
C723	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C724	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C725	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C730	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C731	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	5060BE, 5062SE, 5062SB, 5062SE N,5062S EV
C732	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C733	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C734	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C735	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C736	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C1401	QETN1HM-476Z	E CAPACITOR	47uF 50V M	
C1402	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C1403	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C1404	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C1405	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C1406	QETN1CM-108Z	E CAPACITOR	1000uF 16V M	
C1408	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1409	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1413	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1414	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1416	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C1417	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C1422	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1423	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1424	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1425	QEKC1EM-106Z	E CAPACITOR	10uF 25V M	
C1432	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C1433	QEKC1EM-106Z	E CAPACITOR	10uF 25V M	
C1436	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C1437	QCZ0202-155Z	C CAPACITOR	1.5uF 25V Z	
C1447	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1459	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1460	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C1461	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C1465	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C1480	QETN1VM-477Z	E CAPACITOR	470uF 35V M	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R702	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R704	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	5060BJ, 5060BC
R705	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R706	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R707	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R709	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R711	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R713	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R715	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R716	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R717	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R718	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R719	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R721	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R722	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R723	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R724	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R725	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R726	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R727	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R728	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R729	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R730	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R731	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R732	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R733	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R734	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R736	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R737	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R738	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R739	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R740	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R741	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R742	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R743	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R744	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R745	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R746	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R747	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R748	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R749	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R750	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R751	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R752	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R753	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R754	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R756	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R757	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R758	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R759	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R760	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R761	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R762	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R763	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
R768	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R769	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R770	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	5060BC
R773	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R774	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R775	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R778	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R779	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R780	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R781	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
R782	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
R783	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R784	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R785	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R786	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R787	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R788	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R789	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R790	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R791	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R792	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R793	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
R794	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R795	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R796	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R797	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R798	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R799	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R874	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R875	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R876	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R877	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R878	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R879	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R880	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R881	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R882	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R883	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R884	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
⚠ R1401	QRZ9005-100X	FUSI RESISTOR	10Ω	
⚠ R1402	QRJ146J-182X	UNF C RESISTOR	1.8kΩ 1/4W J	
⚠ R1403	QRZ9005-120X	F B RESISTOR	12Ω	
⚠ R1404	QRJ146J-272X	UNF C RESISTOR	2.7kΩ 1/4W J	
⚠ R1405	QRZ9005-120X	F B RESISTOR	12Ω	
⚠ R1406	QRK126J-682X	UNF C RESISTOR	6.8kΩ 1/2W J	
⚠ R1407	QRZ9006-4R7X	FUSI RESISTOR	4.7Ω	
⚠ R1408	QRZ9006-4R7X	FUSI RESISTOR	4.7Ω	
⚠ R1409	QRJ146J-272X	UNF C RESISTOR	2.7kΩ 1/4W J	
⚠ R1410	QRZ9006-4R7X	FUSI RESISTOR	4.7Ω	
⚠ R1411	QRJ146J-182X	UNF C RESISTOR	1.8kΩ 1/4W J	
⚠ R1412	QRZ9005-100X	FUSI RESISTOR	10Ω	
⚠ R1414	QRZ9005-100X	FUSI RESISTOR	10Ω	
⚠ R1415	QRJ146J-222X	UNF C RESISTOR	2.2kΩ 1/4W J	
⚠ R1416	QRZ9005-100X	FUSI RESISTOR	10Ω	
⚠ R1417	QRJ146J-222X	UNF C RESISTOR	2.2kΩ 1/4W J	
⚠ R1418	QRZ9005-680X	F.RES. I.M	68Ω	
⚠ R1419	QRZ9005-680X	F.RES. I.M	68Ω	
R1423	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1424	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1425	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1426	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1430	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
R1432	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	5060BE, 5062SE, 5062SB, 5062SEN,5062SEV
R1435	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1436	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1437	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1438	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1439	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1440	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1444	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1445	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1446	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1447	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1448	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1449	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1450	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1451	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1452	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1453	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
⚠ R1461	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
⚠ R1462	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
R1464	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1470	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R1471	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R1472	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1473	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1474	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1475	NRSA63J-163X	MG RESISTOR	16kΩ 1/16W J	
R1476	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
⚠ R1477	QRZ9006-4R7X	FUSI RESISTOR	4.7Ω	
R1480	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1481	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1482	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1483	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1484	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1485	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R1486	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1487	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1488	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1489	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R1490	NRSA63J-133X	MG RESISTOR	13kΩ 1/16W J	
R1491	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R1492	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1494	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1496	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1498	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R1499	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R1500	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1571	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1572	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1575	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1576	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1579	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1580	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1583	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
R1584	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	
BK701	LV42093-001A	FL HOLDER(L)		
BK702	LV42092-001A	FL HOLDER(R)		
CN421	QGB2510J1-15	CONNECTOR	B-B (1-15)	
CN431	QGB2510J1-06	CONNECTOR	B-B (1-6)	
CN441	QGB2510J1-06	CONNECTOR	B-B (1-6)	
CN471	QGA2501C3-03Z	CONNECTOR	W-B (1-3)	
CN472	QGA2501C1-02	CONNECTOR	W-B (1-2)	
CN473	QGA2501C3-03Z	CONNECTOR	W-B (1-3)	
CN481	QGB2510J1-14	CONNECTOR	B-B (1-14)	
CN482	QGB2510J1-07	CONNECTOR	B-B (1-7)	
CN491	QGB2510J1-04	CONNECTOR	B-B (1-4)	
CN704	WJS0020-002A-E	SKT.WIRE ASSY		
CN714	QGA2001F1-03	CONNECTOR	W-B (1-3)	
DI701	QLF0132-001	FL TUBE		
EP401	QNZ0136-001Z	IM EARTH PLATE		
EP402	QNZ0136-001Z	IM EARTH PLATE		
HS401	E70306-001	HEAT SINK		
HS402	E70306-001	HEAT SINK		
HS403	E70306-001	HEAT SINK		
HS404	E70306-001	HEAT SINK		
HS434	E70306-001	HEAT SINK		
HS435	E70306-001	HEAT SINK		
JS701	QSW1017-002	JOG VOLUME		
JS702	QSW1051-001	ROTARY ENCODER		
S721	QSW0683-001Z	PUSH SW I.M		
S722	QSW0683-001Z	PUSH SW I.M		
S723	QSW0683-001Z	PUSH SW I.M		
S724	QSW0683-001Z	PUSH SW I.M		
S725	QSW0683-001Z	PUSH SW I.M		
S726	QSW0683-001Z	PUSH SW I.M		
S727	QSW0683-001Z	PUSH SW I.M		
S728	QSW0683-001Z	PUSH SW I.M		
S729	QSW0683-001Z	PUSH SW I.M		
S730	QSW0683-001Z	PUSH SW I.M		
S731	QSW0683-001Z	PUSH SW I.M		
S732	QSW0683-001Z	PUSH SW I.M		
S734	QSW0683-001Z	PUSH SW I.M		
S735	QSW0683-001Z	PUSH SW I.M		
S736	QSW0683-001Z	PUSH SW I.M		
S738	QSW0683-001Z	PUSH SW I.M		
S739	QSW0683-001Z	PUSH SW I.M		
S740	QSW0683-001Z	PUSH SW I.M		
S741	QSW0683-001Z	PUSH SW I.M		
S742	QSW0683-001Z	PUSH SW I.M		
S743	QSW0683-001Z	PUSH SW I.M		
S745	QSW0683-001Z	PUSH SW I.M		
S746	QSW0683-001Z	PUSH SW I.M		
S750	QSW0683-001Z	PUSH SW I.M		
S751	QSW0683-001Z	PUSH SW I.M		
S752	QSW0683-001Z	PUSH SW I.M		
S757	QSW0683-001Z	PUSH SW I.M		
X701	QAX0246-001Z	RESONATOR		

DSP board

Block No. [0][4]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC601	NJM4565M-WE	IC		
IC602	NJM4565M-WE	IC		
IC611	NJM4565M-WE	IC		
IC612	NJM4565M-WE	IC		
IC613	NJM4565M-WE	IC		
IC615	NJM4565M-WE	IC		
IC622	NJM4565M-WE	IC		
IC631	NJM2120M-X	IC		
IC632	NJM4565M-WE	IC		
IC633	NJM4565M-WE	IC		
IC634	NJM4565M-WE	IC		
IC661	DSPC56371AF180	IC		
IC662	SN74LVC1GU04K-X	IC		
IC667	CS42518-CQZ-C-W	IC		
IC671	UPD784215AGC284	IC		
IC672	SN74AHCT1G32K-X	IC		
IC673	SN74LVC1G04K-X	IC		
IC691	BA3259HFP-W	IC		
Q2101	2SD2114K/VW/-X	TRANSISTOR		
Q2102	2SD2114K/VW/-X	TRANSISTOR		
Q2141	2SC3928A/RS/-X	TRANSISTOR		
Q2142	2SC3928A/RS/-X	TRANSISTOR		
Q2201	2SD2114K/VW/-X	TRANSISTOR		
Q2202	2SD2114K/VW/-X	TRANSISTOR		
Q2221	2SD2114K/VW/-X	TRANSISTOR		
Q2222	2SD2114K/VW/-X	TRANSISTOR		
Q2301	2SD2114K/VW/-X	TRANSISTOR		
Q2341	2SC3928A/RS/-X	TRANSISTOR		
Q2401	2SD2114K/VW/-X	TRANSISTOR		
Q2421	2SD2114K/VW/-X	TRANSISTOR		
Q2701	KRC107S-X	DIGI TRANSISTOR		
Q2702	KRC107S-X	DIGI TRANSISTOR		
Q2703	KRC107S-X	DIGI TRANSISTOR		
Q2704	KRA107S-X	TRANSISTOR		
Q2705	KRA107S-X	TRANSISTOR		
Q2706	KRA107S-X	TRANSISTOR		
Q2708	KRA107S-X	TRANSISTOR		
Q2709	KRA107S-X	TRANSISTOR		
Q2710	KRC107S-X	DIGI TRANSISTOR		
C2001	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2002	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2005	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2006	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2009	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2013	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2014	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2018	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C2019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2020	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2101	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2102	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2109	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C2110	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C2111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C2112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2113	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2114	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2115	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C2116	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C2129	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2131	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2132	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2133	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2134	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2139	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2140	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2141	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2142	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2143	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2144	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2181	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2182	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2183	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2184	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2185	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2186	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2187	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2188	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2201	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2202	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2209	QEKC1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2210	QEKC1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2229	QEKC1HM-105Z	E CAPACITOR	1uF 50V M	
C2230	QEKC1HM-105Z	E CAPACITOR	1uF 50V M	
C2281	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2282	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2283	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2284	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2285	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2286	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C2287	NCB31HK-392X	C CAPACITOR	3900pF 50V K	
C2288	NCB31HK-392X	C CAPACITOR	3900pF 50V K	
C2301	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2309	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C2323	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C2325	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C2341	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2342	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2343	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C2381	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2382	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2383	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2385	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2387	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C2401	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C2409	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C2411	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2412	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2421	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2422	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2423	NCB31CK-823X	C CAPACITOR	0.082uF 16V K	
C2425	QFN31HJ-333Z	M CAPACITOR	0.033uF 50V J	
C2429	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2433	NCB31CK-823X	C CAPACITOR	0.082uF 16V K	
C2435	QFN31HJ-333Z	M CAPACITOR	0.033uF 50V J	
C2483	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2485	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C2487	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C2601	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2606	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2607	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2608	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2611	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2612	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2613	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2614	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2621	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2622	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2623	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2631	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2632	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2633	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2641	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C2642	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C2643	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2671	QEKC1EM-106Z	E CAPACITOR	10uF 25V M	
C2672	QEKC1EM-106Z	E CAPACITOR	10uF 25V M	
C2673	QEKC1EM-106Z	E CAPACITOR	10uF 25V M	
C2674	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2675	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2676	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C2677	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C2678	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2679	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2680	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2681	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2682	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2683	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C2684	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2685	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2686	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2687	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2688	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2689	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2690	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2691	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2692	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2693	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2701	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2702	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2703	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2721	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2731	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2751	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2771	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C2861	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2862	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2871	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C2873	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2881	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2901	QEKC1EM-106Z	E CAPACITOR	10uF 25V M	
C2902	QEKC1EM-106Z	E CAPACITOR	10uF 25V M	
C2903	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C2911	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
C2912	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2921	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2922	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2923	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2924	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2925	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2926	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2951	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2952	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2953	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2954	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2955	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2956	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2957	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R2001	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2002	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2003	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2004	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2007	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2008	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2011	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2012	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2013	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2014	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2017	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2018	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2021	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2022	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2023	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2024	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2101	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2103	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2104	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R2109	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2110	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2111	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2112	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2113	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2114	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2115	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2116	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2121	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2122	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2123	NRSA63J-243X	MG RESISTOR	24kΩ 1/16W J	
R2128	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2129	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2130	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2131	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2132	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2133	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2134	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2135	NRSA63J-363X	MG RESISTOR	36kΩ 1/16W J	
R2136	NRSA63J-363X	MG RESISTOR	36kΩ 1/16W J	
R2137	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2138	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2139	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2140	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2141	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2142	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2145	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2146	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2147	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2148	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2149	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2150	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2181	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2182	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2183	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2184	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2185	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2186	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2187	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2188	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2189	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2190	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2191	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2192	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2203	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2204	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2209	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2210	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2221	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2222	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2223	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2224	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2281	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2282	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2283	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2284	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2285	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2286	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2287	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2288	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2289	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2290	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2291	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2292	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2301	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2303	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2309	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2321	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2323	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2341	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2345	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2347	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2349	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2381	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R2383	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2385	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	

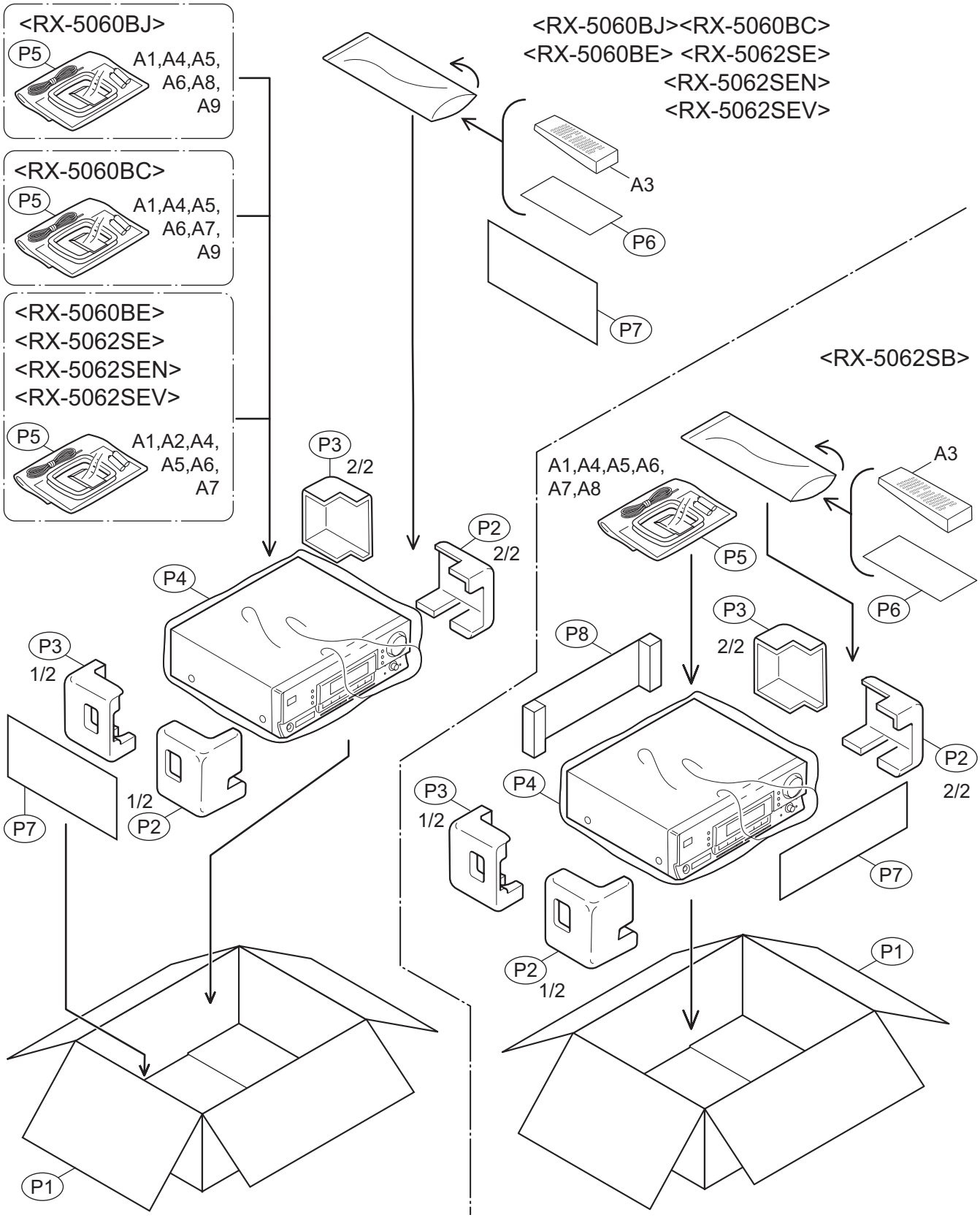
⚠ Symbol No.	Part No.	Part Name	Description	Local
R2387	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2389	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R2391	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R2401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2403	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2409	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2411	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2412	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2421	NRSA63J-112X	MG RESISTOR	1.1kΩ 1/16W J	
R2422	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2423	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R2424	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2425	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2433	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R2434	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2435	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2449	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2481	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2483	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2485	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2487	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R2489	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2491	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R2601	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2602	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2603	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2604	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2605	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2606	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2607	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2608	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2611	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2613	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2614	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2621	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2622	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2623	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2624	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2625	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2626	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2627	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2628	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2631	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2632	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2633	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2635	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2636	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2637	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2638	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2639	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2640	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2641	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2642	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2647	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2671	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R2673	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2681	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2682	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2683	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2684	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2685	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2686	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2687	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2688	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2705	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2706	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R2707	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2711	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2713	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2714	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2715	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2716	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2721	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2722	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2723	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2724	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2725	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R2726	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2727	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R2728	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2731	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2732	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2733	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2734	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2735	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2736	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2738	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2739	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2743	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2744	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2745	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2751	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2752	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2761	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2762	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2763	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2771	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2772	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2773	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2861	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2862	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2871	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R2872	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2921	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R2922	NRSA63J-112X	MG RESISTOR	1.1kΩ 1/16W J	
CN681	QGB2510K1-07	CONNECTOR	B-B (1-7)	
CN683	QGB2510K1-14	CONNECTOR	B-B (1-14)	
EP681	E409182-001SM	GRAND TERMINAL		
J681	QNN0481-001	PIN JACK		
K2861	NQR0269-004X	FERRITE BEADS		
UN682	GP1FAV50RK0F	OPT RECEIVER		
X661	QAX0722-001Z	CRYSTAL		
X671	QAX0719-001Z	1COSCIALLATOR		

Packing materials and accessories parts list

Block No. M 3 M M

No additional / supplemental order of WARRANTY CARDs are available



Packing and Accessories

Block No. [M][3][M][M]

⚠	Symbol No.	Part No.	Part Name	Description	Local
	A 1	LVT1507-001A	INST BOOK	ENG	5060BJ
	A 1	LVT1507-002A	INST BOOK	ENG FRE	5060BC
	A 1	LVT1507-004A	INST BOOK	GER FRE	5060BE,5062SE
	A 1	LVT1507-003A	INST BOOK	ENG	5062SB
	A 1	LVT1507-006A	INST BOOK	SPA POL	5062SEN
	A 1	LVT1507-008A	INST BOOK	CZE POL HUN RUS	5062SEV
	A 2	LVT1507-005A	INST BOOK	ITA DUT	5060BE,5062SE
	A 2	LVT1507-007A	INST BOOK	DAN FIN SWE	5062SEN
	A 2	LVT1507-009A	INST BOOK	CZE POL HUN RUS	5062SEV
	A 3	RM-SRX5060J	REMOCON		5060BJ,5060BC
	A 3	RM-SRX5060R	REMOCON		5060BE
	A 3	RM-SRX5062R	REMOCON		5062SE,5062SB,5062SEN,5062SEV
	A 4	R6UW/2STS	BATTERY	(x2)	
	A 5	QAL0595-001	ANTENNA		
	A 6	QAL0014-003	AM LOOP ANT		
	A 7	----------	WARRANTY CARD	BT-52006-2	5060BC
	A 7	----------	WARRANTY CARD	BT-54027-1	5060BE,5062SE,5062SB,5062SEN, 5062SEV
	A 8	BT-51034-2	REGIST CARD		5060BJ
	A 8	VNA3000-204	REGIST CARD		5062SB
	A 9	YU20333	SAFETY INST.		5060BJ,5060BC
	P 1	LV21650-024A	CARTON BOX		5060BJ,5060BC
	P 1	LV21650-025A	CARTON BOX		5060BE
	P 1	LV21650-027A	CARTON BOX		5062SE,5062SEN,5062SEV
	P 1	LV21650-028A	CARTON BOX		5062SB
	P 2	LV21634-003A	CUSHION		
	P 3	LV21635-002A	CUSHION		
	P 4	QPC06507015P	POLY BAG	65cm x 70cm	
	P 5	QPA02503505P	POLY BAG	25cm x 35cm	
	P 6	LV30256-014A	SHEET		
	P 7	LV32034-009A	SHEET	(x2)	5060BJ,5060BC,5060BE,5062SE, 5062SEN,5062SEV
	P 7	LV32034-008A	SHEET		5062SB
	P 8	LV34107-005A	PACKING SHEET		5062SB